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ALEC HENDERSON INC.  
1303-05 W. RANDOLPH • CHICAGO 7  
PHONE • MONROE 6-3082

## TERMS AND CONDITIONS OF SALE

FIFTY ROOTED CUTTINGS OF A VARIETY is the MINIMUM that can be supplied.  
MORE THAN 50 of a variety must be in MULTIPLES of 50.

CANCELLATIONS or CHANGES of orders must be received at least 30 days prior to shipping date.

## TERMS OF PAYMENT

2% discount allowed on payment 10 days from date of invoice. Sixty days net.

## METHOD OF SHIPMENT

We recommend shipping via Air Freight or Air Express wherever possible. Air lines are prepared to phone nearby customers on arrival for pick-up, and for customers too far away from the airport, they will reconsign shipment via the Railway Express Agency to destination. Where shipments are not ordered Air Freight or Air Express, they will be forwarded via Railway Express.

## DISCLAIMER

1. We make no warranty, expressed or implied, as to kind, description, quality or productiveness of any stock and we will not be responsible for crop.
2. We will not be responsible for any errors or omissions and in no event shall our liability for any claim of loss or damage due to any cause whatsoever be greater than the invoice value of the merchandise. This order, if accepted, is subject to pro-rata delivery if conditions in our sole judgment justify it, either on account of short crop, prior sale or for any other reason. We will not be responsible for delays, damages or loss in transit. Our liability ceases upon delivery to the common carrier. All orders subject to acceptance by home office.

## CHECK YOUR ACKNOWLEDGMENTS

It is most important to read our acknowledgment of your order. This indicates delivery date our grower estimates can be made. It frequently happens that we have to list a different delivery date than the one called for, and it is necessary that you know this when the order is confirmed.

## METHOD BY WHICH VARIETIES ARE LISTED IN THIS CATALOG

Both Pompon Types and Standards in our list are grouped by color and number of weeks required to flower when grown under controlled blooming programs. 8-week varieties require 8 weeks to come into bloom after shading is started for summer and early fall blooming, or 8 weeks after lights are discontinued and shading is started for late winter and spring blooming. 9-week varieties require 9 weeks, 10-week varieties require 10 weeks, etc. These groupings are based on conditions at the 40th parallel, and there would be some variations in localities very much farther north or south of this latitude. Normal blooming dates are also indicated.

## ABBREVIATIONS USED IN OUR LIST

L. — Large  
S. — Small  
M. — Medium  
Dk. — Dark  
Pk. — Pink  
Br. — Bronze

Int. — Intermediate  
Dec. — Decorative  
Anem. — Anemone  
Pom. — Pompon  
Sgl. — Single  
Yel. — Yellow

# Prices

## PRICES FOR 50 OR MULTIPLES OF 50 OF A VARIETY PER SHIPMENT ARE INDICATED IN THIS TABLE

Price Classification	PER 100					
	50	100 to 250	300 to 450	500 to 950	1000 to 2450	2500-Up
P-O .....	\$15.00	\$14.25	\$13.50	\$12.75	\$12.00	\$11.25
N-2 .....	12.50	12.00	11.50	11.00	10.50	10.00
P-1 .....	10.00	9.50	9.00	8.50	8.00	7.50
P-2 .....	9.00	8.55	8.10	7.65	7.20	6.75
P-3 .....	8.00	7.60	7.20	6.80	6.40	6.00
S-1 .....	7.00	6.65	6.30	5.95	5.60	5.25
S-2 .....	6.50	6.15	5.85	5.50	5.20	4.85
S-3 .....	6.00	5.70	5.40	5.10	4.80	4.50

## COLLECTIONS

Rooted Cuttings of a given number of varieties in any one general group (Pompons, Standards, or Garden Varieties) may be ordered as a Collection when varieties are not specified.

A. 250 Cuttings (50 each of 5 varieties).....	\$ 14.25	C-5. 1000 Cuttings (200 each of 5 varieties).....	\$ 48.00
B-10. 500 Cuttings (50 each of 10 varieties).....	25.50	D-50. 2500 Cuttings (50 each of 50 varieties).....	112.50
B-5. 500 Cuttings (100 each of 5 varieties).....	25.50	D-25. 2500 Cuttings (100 each of 25 varieties).....	112.50
C-20. 1000 Cuttings (50 each of 20 varieties).....	48.00	D-10. 2500 Cuttings (250 each of 10 varieties).....	112.50
C-10. 1000 Cuttings (100 each of 10 varieties).....	48.00	D-5. 2500 Cuttings (500 each of 5 varieties).....	112.50

For Growers who are not familiar with Garden Varieties, but who want a well balanced assortment, we offer the following collections, which include the better varieties.

	250	500	1000	2500
<b>COLLECTION #1:</b> Taller Varieties for cutting	\$14.25	\$25.50	\$48.00	\$112.50
<b>COLLECTION #2:</b> For pots or bedding	14.25	25.50	48.00	112.50
<b>COLLECTION #3:</b> 50% for cutting—50% for bedding	14.25	25.50	48.00	112.50
<b>COLLECTION #4:</b> For Easter, Mother's Day, or Memorial Day Pots	14.25	25.50	48.00	112.50

Please state quantity wanted when ordering collections 1 to 4.

# *Cultural Suggestions*

Start out with the best cuttings available. Our stock is produced and shipped by Chrysanthemum Specialists. These top grade cuttings are carefully packed and labelled. There are none better.

## **CARE OF CUTTINGS WHEN RECEIVED**

Upon arrival of the cuttings examine them immediately. If they have been delayed in transit, some damage may have occurred along the way. If the roots should be dry and plants are wilted, soaking them in about 1 inch of water for about 1 hour will revive them greatly.

If they should have become heated and some fungus has developed, dipping them in a solution of Fermate, 2 tablespoons-full to 1 gallon water, will stop any further spread of the fungi. Of course, if the shipment has been delayed too long and the plants have stretched or turned yellow, or should be badly frozen, file claim with the Transportation Company immediately.

## **SOILS**

Chrysanthemums will grow in about any type of soil provided it has reasonable drainage. Steam sterilization before planting, if it is possible, will prevent disease and weed growth. The soil should be low in nitrates at planting time, but should be built up by feeding after the plants have made several inches of new growth.

## **WATERING**

Cuttings should be watered very liberally as soon as planted. Mums need plenty of water during their entire period of growth. Sandy soils require heavier watering.

## **PINCHING**

This operation varies with the specific need for which you are growing the plants. In general practice allow four weeks from planting until the first pinch, and three weeks for each successive pinch thereafter. All time pinching centers around the last pinching date, which is the recommended pinching date in our Catalog for normal blooming. If you cannot make the pinch on this date, it is better to make the last pinch a few days later than to make it earlier. If your pinching has been timed right, you will have very little trouble with the large Mums developing crown buds, and the spray on the Pompons should be perfect. If for some reason, due to your particular locality, the large Mums develop the crown bud instead of the terminal bud, then pinch a week later than recommended. If the Pompon spray is too open, then pinch one week later, or if it should be too tight, then pinch this particular variety one week earlier the next season. By doing this, you can grow the type of spray your particular market desires.

The last pinching time for cut flowers under controlled blooming procedures is usually about four weeks before shade is applied. For pot plants under these procedures, this pinch is usually made at about the same time or shortly after shade is applied.

## **SHADING**

When using shade on Pompons, the shade must be continued until the whole bed is uniform in color. In the case of large Mums, the shade can be removed as soon as all the buds are selected.

Pot mums the year around can be grown with little effort. To those interested, we will, on request, send complete growing instructions and blooming schedule.

## **WHAT CAUSES PREMATURE BUDDING OF CHRYSANTHEMUMS DURING THE SPRING MONTHS, AND WHAT TO DO TO PREVENT IT**

Bud initiation can occur anytime during the spring months, whenever your temperatures in the greenhouses are consistently 60 degrees Fahrenheit or above, and the days are short enough to initiate bud setting. These conditions can occur anytime up until May 1st depending upon the variety and the locality in which they are being grown. Some varieties such as the garden varieties and early shading varieties require very little short day treatment, coupled with high temperatures to initiate buds. This same tendency to set bud readily is what makes these varieties desirable for early shading and garden work.

In order to prevent this premature setting of buds, these same varieties should be placed where they can be given additional light during the early spring months. Use 60 watt bulbs spaced 4 feet apart and 30 inches above the plants. Use the lights for a period of two hours each night after dark up until May 1st, then discontinue lighting.

# *New Introductions for 1954*

## *White Pompons, Decoratives, Singles & Anemones*

**MARSHMALLOW . . . Oct. 5** Heavily petalled pure white daisy. Improves the growth and durability of Chris. Columbus. Recommended as a garden variety and Mother's Day pot plant. Dwarf, compact plant.

**SILVERTONE . . . Oct. 24** Intermediate white daisy. Similar in habit to Reward and Buckskin. August and September cloth house and May through October in the greenhouse.

**SILVER CLOUD . . . Nov. 1** Intermediate white single. Heavily petalled, better form than Halo. A good producer. Recommended April through October with use restricted to the greenhouse.

**FREEDOM . . . Nov. 5** Intermediate pure white single. Outstanding for spray formation and flower substance. Clean vigorous growth; improves Halo in all respects. Recommended for August and September cloth house, and May through November in the greenhouse. Excellent shipping and keeping qualities.

**WHITETOP . . . Nov. 5** Intermediate pure white decorative. Vigorous growth habit. Recommended April through November in the greenhouse and August through October in the

cloth house; also as a medium sized disbud for pots. It fills the need for a pure white pompon in the greenhouse during the spring months when Encore is difficult to flower.

**PACESETTER . . . Nov. 10** Intermediate pure white single. Good form, petallage and substance. Excellent shipping quality. Growth is short and strong. Excellent for spring, summer and fall. A very fine pot plant disbud.

**WHITE ENCHANTRESS . . . Dec. 5** (Neal) White Sport of Enchantress with same habits.

**ILLINI STARLET . . . Dec. 10** (Univ. of Ill.) Intermediate white anemone. Improves Garza in form, growth and clarity of color. Good production and much freer growth. Believe this is a white anemone that could replace Garza.

**TRENTON . . . Dec. 15** (DePetris) White pompon. Good form and substance plus production. An important pompon for natural flowering.

**TALMEDA . . . Jan. 5** (DePetris) Intermediate white pompon. Improves Revelation. Just about latest white pompon. Good form and substance.

## *Yellow Pompons, Decoratives, Singles & Anemones*

**LEE POWELL . . . Oct. 10** Large golden yellow decorative. Vigorous plant. Showy. Fine for disbudding. Outstanding garden variety. Promising for outdoor cut flower and spring pot plant.

**ARLORA . . . Oct. 15** (DePetris) Large, soft yellow, closely incurved flower. Very good substance; Flower 3" - 3½" in diameter. Should prove good spring and fall pot plant.

**CREAMPUFF . . . Oct. 20** Intermediate cream white single. Strong fast growth and very heavy production. A beautiful new color for April through June. Excellent in the late September and October cloth house.

**ORDALIA . . . Oct. 25** (DePetris) Deep golden yellow, semi-incurved decorative. Size 3" - 3½". Excellent keeper. Very vigorous and bushy growth. Blooms in the garden in October. A large pot plant disbud.

**STARLIGHT . . . Oct. 25** Large yellow daisy. Improves the growth and production of Star-

bright. Very durable; uniform response. A 9 week Yellow Valencia. Recommended April through October in the greenhouse. Natural or disspray. Makes a fine disbud in pots spring and fall.

**AZTEC . . . Oct. 28** Intermediate deep yellow daisy. Strong wiry growth and heavy production. Especially valuable for high temperature flowering. Recommended May through October in greenhouse and, August and September in cloth house. Greatly improves existing 9-week yellow daisy varieties in production and flower quality.

**SAUTERNE . . . Oct. 30** Intermediate intense yellow single. Very uniform response tolerating a wide temperature range. Improves the production, petallage and quality of Yellow Halo and other existing yellow daisy varieties. Recommended May through October in the greenhouse, August through October in the cloth house.

# *New Introductions for 1954*

## *Yellow Pompons, Decoratives, Singles & Anemones*

(Continued)

**GONDOLA** . . . Oct. 30 Intermediate yellow daisy. Outstanding form and color. Quite large flower similar to Starbright. Recommended May through October in the greenhouse and in the cloth house. Very durable with fine petallage and substance.

**HONEYMOON** . . . Nov. 4 Large yellow daisy. Good form and an unusually clear yellow color. Recommended May and June in the greenhouse, and August and September in the cloth house.

**YELLOW PARAMOUNT** . . . Nov. 23 Deep yellow sport from Paramount. Same habit as original variety.

**YELLOW FORTUNE** . . . Dec. 1 Deep yellow sport from Fortune. Same habit as original variety.

**YELLOW ACCLAIM** . . . Dec. 5 (Neal) Bright yellow sport of Acclaim with same habits.

**YELLOW SNOWCAP** . . . Dec. 15 Deep lemon yellow sport from Snowcap. Same habit as original variety.

## *Bronze & Red Pompons, Decoratives, Singles & Anemones*

**BUCKEYE** . . . Oct. 3 Intermediate salmon bronze pompon. Dwarf, compact, very sturdy growth. Striking new color well suited to the garden and Mother's Day pot plant program.

**MOONMAID** . . . Oct. 14 Intermediate salmon bronze pompon. A new and useful color with good growth and production. Late garden variety or outdoor cut flower. Recommended for spring and fall flowering.

**TALISMAN** . . . Oct. 20 Talisman bronze; intermediate daisy. Color holds exceptionally well. Recommended April through October in the greenhouse and August and September cloth house.

**PARADISE** . . . Oct. 20 Intermediate coral red single. Color holds well. Recommended April through mid June in the greenhouse, mid August through October in the cloth house. A tall variety of outstanding new color.

**PALETTE** . . . Oct. 20 Intermediate dark salmon single. Heavy petallage with good substance. Fine in spring and fall. A new Pastel shade.

**GAIETY** . . . Oct. 25 Intermediate coral bronze single. This variety in combination with Paradise and Prelude constitute a trio bred to widen color range adding new and lively pastels especially valuable in the spring. Good growth and production. An exciting new color.

**HILARITY** . . . Nov. 1 Intermediate golden bronze single. Small daisy of wide petal and very lively color. Tolerates a wide range of conditions. Recommended May through October. Growth habit lends itself to pot culture.

**FLAME GLOW** . . . Nov. 5 (Winkler) Intermediate golden orange single. Fine growth and production.

**ORANGE BEAUREGARD** . . . Nov. 5 Lively, light orange or golden bronze sport from Beauregard. Valuable in a continuous year 'round program. In the early cloth house or under high temperature conditions it is a deep golden yellow pompon. Growth habit and response is same as that of Beauregard.

**RED KING** . . . Nov. 13 (Poesch) Intermediate Red Daisy. Good growth and production; short, compact plant with compound spray. A good red pot plant variety.

**CADET** . . . Nov. 14 Intermediate red anemone. Short, compact and free breaking. Approximate size of Gypsy. Recommended as a spray but useful as a disbud. Season is October through March, especially effective at Thanksgiving and Christmas. A pot plant variety.

**ILLINI REDWOOD** . . . Nov. 25 (Univ. of Ill.) Intermediate red pompon. Hard, durable, well formed flower. Fine red pompon for Thanksgiving.

— FOR PRICES REFER TO GENERAL LIST —

# *New Introductions for 1954*

## *Pink Pompons, Decoratives, Singles & Anemones*

### **PETRISIAN MAUVE**

### **PETRISIAN PINK**

### **PETRISIAN ROSE**

are three outstanding DePetris hybrids for the garden and spring pot plants.

**SONNET . . . Oct. 14** Intermediate salmon pink pompon. Stocky compact growth; well adapted to the garden and a good spring pot plant. Valuable color in late September cloth house.

**BETTY . . . Oct. 14** Intermediate light salmon pink decorative. Upright cut flower growth; suitable for gardens. Well known for outstanding color.

**FAIRYLAND . . . Oct. 15** Intermediate decorative lively pink color. Very uniform response. A low temperature variety that improves Carolyn Yosick; also a spring and fall pot plant. Recommended in early cloth house and as a garden variety.

**MAYFAIR . . . Oct. 15** Intermediate, smooth pink single. Growth and production surpasses that of Reward. Uniform flowering response. Valuable for cut April through October in the greenhouse and, July through October in the cloth house. A much needed color in a cloth house daisy.

**JESTER . . . Oct. 15** Intermediate, dark orchid pink single. Very early variety with free vigorous growth.

**CITATION . . . Oct. 15** Intermediate pink pompon. Dwarf, compact but very sturdy growth. In color and growth it improves Queen of Pinks. A pot plant disbud. Recommended April through June and again in October. One of the best late garden varieties.

**MIRTH . . . Oct. 20** Intermediate light pink single. Larger than Reward. Especially valuable in spring flowering April through June. Durable and uniform response in July through October in the cloth house.

**PRELUDER . . . Oct. 24** Intermediate coral pink single. Clean growth habit. A beautiful pastel color, extremely effective under artificial light. Recommended flowering period April through June, and mid September through October cloth house and greenhouse.

**PINKETTE . . . Oct. 25** Intermediate pink pompon. A bread and butter variety to grow with Keepsake and Gold Coast. Recommended for May and June, and again in September and Octo-

ber in the greenhouse; also, August through October in the cloth house.

**VOGUE . . . Oct. 25** Large pink single. Beautiful form and substance. Especially valuable June and July. Rigid growth habit. Improves Ballerina and Soprano. Good in August - September cloth house.

**PORTRAIT . . . Nov. 8** Large pink pompon. Very heavy producer of beautiful high quality flowers. Growth is strong, compact with excellent sprays. A versatile variety that can be grown anytime 10-week varieties are used. Also responds well to partial disbudding. Tolerates a lower minimum temperature than Pandura. Excellent pot plant March through December.

**BLUE CHIP . . . Nov. 1** Intermediate pink decorative. Vigorous growth and heavy production; very pleasing color. Recommended May and June in the greenhouse, and August through October in the cloth house. Also a good spring pot plant disbud.

**LOTUS . . . Nov. 3** (DePetris) Intermediate pink pompon. Mary McArthur growth; a high quality flower for the shading program.

**TEMPO . . . Nov. 3** Intermediate deep pink decorative. A 9-week Masterpiece. Rigid stem; very hard, durable flower. Recommended April through June in the greenhouse, and August and September in the cloth house.

**PENNANT . . . Nov. 10** Intermediate pink decorative. A dark pink Masterpiece; fine form and substance. Tolerates low temperature well. Vigorous growth. Recommended April through October in the greenhouse, and August through October in the cloth house.

**COVER GIRL . . . Nov. 10** (Winkler) Light pink anemone with salmon pink cushion. Good color and form. Short, compact growth with good production. For cut flower and pot plant use.

**NOBILITY . . . Nov. 10** Intermediate light pink single. Very flat form. Medium to tall with free, easy growth. A quality daisy. Recommended May, June, October and November in the greenhouse, and August through October in cloth house.

**CAROLE . . . Nov. 15** (Winkler) Light pink anemone with salmon pink cushion. Resembles Majorette. Definitely smoother color plus more substance.

# *New Introductions for 1954*

## *Pink Pompons, Decoratives, Singles & Anemones*

(Continued)

**POLKA . . . Nov. 20** Intermediate pink anemone. Essentially a pot plant; equally valuable as a spray or disbud. Beautiful form and color. Compact growth. Recommended October through June.

**NUGANO . . . Nov. 20** (DePetris) Intermediate pompon. Excellent growth and production. A high quality flower. One of the most important pink pompons for this season.

**DK. PK. MAJORETTE . . . Nov. 20** Dark sport of Majorette. Lively, intense color. Same habit as original variety.

**ILLINI FORMAL . . . Nov. 23** (Univ. of Ill.) Intermediate rose pink pompon. Fine growth and production. Excellent substance. Flowers for Thanksgiving. Very novel form that should be popular.

**PINK CLOUD . . . Nov. 25** (Winkler) Light pink decorative. Greenish overcast until mature; very fine form and substance.

**ARGYLE . . . Dec. 10** (DePetris) Small pink pompon. Fine clean growth; hard flower plus very acceptable pink shade. An outstanding late pink pompon.

## *New Yellow Standard*

**DARK YELLOW CHATTANOOGA . . . Nov. 25** (Wolfe) Deep yellow sport from Chattanooga. Same habit as original variety.

## *New Garden Variety - Introductions by DePetris*

**OSTOSA . . .** Solid pure white medium large pompon type. Vigorous semi-dwarf habit. Very free flowering with good substance. Blooms Sept. 25th.

**BUTTERCUP . . .** Large golden yellow incurving bloom. Free growth and good foliage as well as free flowering. Blooms Oct. 1st.

**REGINA . . .** Large decorative blooms of a pleasing coral apricot bronze color. Very free flowering. Blooms Oct. 1st.

**LIMELIGHT . . .** Very free and productive solid white pompon with a greenish cast. Excellent substance and form as well as placement. Good clean straight stems makes it an excellent cutting variety. Beautiful growth and foliage. Blooms Oct. 5th. This variety should be outstanding for cutting besides making a very showy white pompon for the garden, very vigorous and easily grown.

**CORONA . . .** An outstanding vivid pink daisy shading to wine. Of good size and excellent substance. Very good clean stem freely produced and perfect placement. Very good growth and foliage. Blooms Oct. 5th. Excellent both for cutting and garden decoration.

**SUNSTONE . . .** Very free and vigorous plant producing many blooms of soft yellow spoon or spider like blooms on good stems. Very good foliage. Somewhat tall growth habit. Useful for cutting as well as garden decoration. Blooms Oct. 8th.

**CALUMET . . .** Outstanding full decorative blooms of good size and substance produced on strong clean stems of good length. Color is a lively apricot with a luminous glow. Beautiful foliage with very free and vigorous growth habit. Blooms October 8th to 10th. This is a Rubellum hybrid which produces high quality blooms with almost perfect stems and sprays without shading.

**CHOPIN . . .** Large incurved light bronze averaging 4" to 4½" which grows 20 or more blooms to the plant. Very strong stems and vigorous semi-dwarf growth. Blooms October 15th.

**SARASOTA . . .** Lively yellow solid pompon with good size and substance. Vigorous and productive, therefore suitable for cut flowers. Medium tall. Blooms October 15th.

**ARVIS . . .** Vivid bronze small pompon. Free growth and good stem. Blooms October 15th.

— FOR PRICES REFER TO GENERAL LIST —

# White Pompons, Decoratives, Singles & Anemones

VARIETY	DESCRIPTION	6-Week Varieties	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Sept. Morn, Int. Single. Lt. pink quickly shading to white . . . . .				Oct. 1	S-1
White Wonder, Int. Pompon . . . . .				Oct. 1	S-2
Chris. Columbus, Int. Dec. Cream; short, compact, prolific . . . . .				Oct. 1	S-1
<i>7-Week Varieties</i>					
Avalanche, Snow White Decorative. Large . . . . .				Oct. 5	S-2
*White Cloud, Large Decorative . . . . .				Oct. 5	S-1
Horizon, Int. Pompon, whiter and more durable than Chris. . . . .				Oct. 5	P-3
*Marshmallow, Heavily petalled pure white daisy . . . . .				Oct. 5	P-1
*Maestro, Int. Pompon, dwarf, compact 18" growth . . . . .				Oct. 10	S-1
Renown, White Daisy . . . . .				Oct. 10	S-1
Classic, Small Semi-Formal Pompon . . . . .				Oct. 10	S-1
Silverplate, Int. Decorative . . . . .				Oct. 12	S-1
<i>8-Week Varieties</i>					
Silver Ball, Large Pompon . . . . .		July 10		Oct. 15	S-3
Calif. White Daisy (Kimoto's White), Int. Single, strong & prod. . . . .		July 20		Oct. 15	S-1
Irene, Small Pompon . . . . .		July 10		Oct. 15	S-2
Norona, Small Pompon, excellent for early shading . . . . .		July 10		Oct. 15	P-3
Pristine, Pure White; Int. Pompon . . . . .		July 10		Oct. 20	S-1
Minong, Small Pompon . . . . .		July 10		Oct. 20	S-3
Silvertone, Int. White Daisy, habit similar to Buckskin . . . . .		July 15		Oct. 24	P-1
<i>9-Week Varieties</i>					
Popcorn, Int. Pompon . . . . .		July 15		Oct. 25	S-2
White Popcorn, Cream White Sport of Popcorn, most productive . . . . .		July 15		Oct. 25	P-3
Keepsake, Cream White; Int. Pompon . . . . .		July 15		Oct. 25	P-3
Pinocchio, Small Pompon . . . . .		July 20		Oct. 25	S-3
Songster, Int. Pompon, withstands heat well . . . . .		July 15		Oct. 25	S-1
*Granite State, Large white pompon . . . . .		July 15		Oct. 25	S-3
Cottontop, Small Pompon . . . . .		July 20		Oct. 25	S-2
Shooting Star, Int. Single, good form, productive . . . . .		July 20		Oct. 25	P-3
Arcadia, Int. Pompon . . . . .		July 16		Oct. 28	S-2
Silver Cloud, Int. sgl., heavily petalled . . . . .		July 20		Nov. 1	P-1
Halo, Ivory White; Int. Single . . . . .		July 20		Nov. 1	S-1
Sea Gull, Ivory White; Int. Pompon . . . . .		July 20		Nov. 1	S-3
White Doty, Large Pompon . . . . .		July 20		Nov. 1	S-2
<i>10-Week Varieties</i>					
Freedom, Int. pure white sgl. Excellent substance . . . . .		July 20		Nov. 5	P-1
*Whitetop, Int. pure white Decorative, vigorous growth . . . . .		July 20		Nov. 5	P-1
*Richard Mandel, Large cream Pompon . . . . .		July 20		Nov. 5	S-2
Madonna, Int. Pompon, good clean growth . . . . .		July 20		Nov. 5	P-3
Kolowa, Int. Single . . . . .		July 20		Nov. 5	S-1
Encore, Pure White; Int. Pompon . . . . .		July 20		Nov. 5	S-2
White Anemone, Large Anemone . . . . .		July 20		Nov. 5	S-1
White Mensa, Large Single . . . . .		July 20		Nov. 5	S-2
Rev. Bushnell, Int. Formal Pompon . . . . .		July 19		Nov. 8	S-1
Moonglow, Int. Pompon . . . . .		July 20		Nov. 8	S-1
Pacesetter, Int. pure white sgl. Excellent form and substance . . . . .		July 20		Nov. 10	P-1
Illini Igloo, Int. Pompon, cream center, exceptional substance . . . . .		July 20		Nov. 10	P-2
Shasta, Int. Anemone . . . . .		July 20		Nov. 10	S-3
Dynamo, Int. Pompon . . . . .		July 20		Nov. 10	P-3
Vesper, Int. Pompon . . . . .		July 19		Nov. 10	S-2
Nagona (Calif White Mensa), Int. Single . . . . .		July 20		Nov. 10	S-1
Little America, Pure White; Int. Anemone . . . . .		July 20		Nov. 10	S-3
Illini Snowdrift, Novelty — Int. Decorative . . . . .		July 20		Nov. 12	S-1
Matchless, Int. Pompon . . . . .		July 22		Nov. 12	S-2

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

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# White Pompons, Decoratives, Singles & Anemones

(Continued)

VARIETY	DESCRIPTION	11-Week Varieties	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<b>White Freida</b> , Anemone White .....		July 22	Nov. 15	S-3	
<b>Sculpture</b> , Ivory White — L. Single .....		July 22	Nov. 15	P-3	
<b>White Norma</b> , Large Anemone, sport of Norma .....		July 22	Nov. 15	S-1	
<b>Eskimo</b> , Int. Single, clear white, fine form, excellent substance .....		July 22	Nov. 15	P-3	
<b>Lakme</b> , Green Eye; Small Pompon .....		July 22	Nov. 15	S-1	
<b>Snowflurry</b> , Small white button Pompon. Very productive .....		July 28	Nov. 15	S-1	
<b>Seafroam</b> , Int. Pompon .....		July 28	Nov. 20	S-2	
<b>L. I. Beauty</b> , Yellow Cushion; L. Anemone .....		July 25	Nov. 20	S-3	
<b>Highbrow</b> , Ivory White; Int. Dec., uniform growth habit .....		July 25	Nov. 20	S-1	
<b>Nevada</b> , Int. Anemone .....		July 25	Nov. 20	S-2	
<b>Priscilla</b> , Int. Pompon .....		July 25	Nov. 20	S-3	
<b>Illini Bountiful</b> , Int. Decorative .....		July 25	Nov. 23	S-1	
<b>Crystal Beauty</b> , Int. Pompon .....		July 28	Nov. 23	S-1	
<b>Paramount</b> , Int. Pompon .....		July 25	Nov. 23	S-1	
<b>Belray</b> , Large white Pompon, tall grower .....		July 25	Nov. 24	S-1	

## 12-Week Varieties

<b>White Yuletide</b> , Int. Pompon .....	July 28	Nov. 25	S-3
* <b>White Lady</b> , Sport of Beautiful Lady .....	July 28	Nov. 25	P-2
<b>White Valencia</b> , Sport of Valencia, large single .....	Aug. 1	Nov. 28	S-1
<b>Cordova</b> , Cream White; Int. Pompon .....	July 28	Nov. 30	S-2
<b>Fortune</b> , Int. Formal Pompon .....	July 28	Dec. 1	S-1
<b>Monarch</b> , Ivory White; L. Decorative, clean vigorous grower .....	July 28	Dec. 1	P-3

## 13-Week Varieties

<b>White Enchantress</b> , Large white Anemone .....	Aug. 10	Dec. 5	P-1
<b>Cameo</b> , Ivory White; Int. Dec. .....	Aug. 10	Dec. 5	S-3
<b>Acclaim</b> , Large Formal Pompon .....	Aug. 10	Dec. 5	P-3
<b>Swan</b> , Large Anemone .....	Aug. 1	Dec. 5	S-1
<b>Spangles</b> , Small Pompon .....	Aug. 1	Dec. 5	S-1
<b>Cotillion</b> , Int. Semi-Formal Pompon, heavily petalled .....	Aug. 1	Dec. 5	P-3
<b>Snowdrop</b> , White Button Pompon .....	Aug. 1	Dec. 8	P-3
<b>Carrara</b> , Int. Decorative .....	Aug. 1	Dec. 8	P-2
<b>Illini Starlet</b> , Int. Anemone, better form and growth than Garza ..	Aug. 10	Dec. 10	P-1
<b>Imp. White Supreme</b> , Large Anemone .....	Aug. 10	Dec. 10	S-1
<b>Snow Queen</b> , Int. Formal Pompon, good substance .....	Aug. 5	Dec. 10	P-3
<b>Yukon</b> , Int. Single .....	Aug. 10	Dec. 10	S-3

## 14-Week Varieties

<b>Trenton</b> , White Pompon of good form and substance .....	Aug. 10	Dec. 15	P-1
<b>Snowcrest</b> , Green Eye; Small Pompon .....	Aug. 10	Dec. 15	S-2
<b>Silversmith</b> , Int. Decorative .....	Aug. 10	Dec. 15	S-2
<b>Snowcap</b> , Large Formal Pompon .....	Aug. 5	Dec. 15	S-1
<b>Garza</b> , Int. Anemone .....	Aug. 5	Dec. 15	S-2
<b>Satellite</b> , Ivory White; Int. Formal Pompon .....	Aug. 10	Dec. 15	P-3
<b>Heirloom</b> , Int. Decorative .....	Aug. 10	Dec. 20	S-1

## 15-Week Varieties

<b>Revelation</b> , Int. Decorative .....	Aug. 15	Dec. 25	S-3
<b>Muto's White</b> , Large white Pompon .....	Aug. 15	Dec. 25	S-3
<b>Snow</b> , Int. Pompon .....	Aug. 10	Dec. 25	S-3
<b>Illini Snowbound</b> , Large informal Dec., cream center .....	Aug. 15	Jan. 5	P-2
<b>Talmeda</b> , Int. Pompon, about the latest .....	Aug. 15	Jan. 5	P-1

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Yellow Pompons, Decoratives, Singles & Anemones

VARIETY	DESCRIPTION	6-Week Varieties	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
*Yel. Chris. Columbus	Sport of Chris. Columbus			Oct. 1	S-1
Moonlight	Int. Pompon. Short compact growth			Oct. 1	P-2
Honeycomb	Small Pompon			Oct. 1	S-2

## 7-Week Varieties

Polaris	Int. Single. New Arctic hybrid		Oct. 5	S-1
Chas. Nye	Int. Decorative		Oct. 5	S-2
Garland	Int. Single, compact vigorous growth, strong substance		Oct. 5	P-3
Yellow Spoon	Int. Spoon		Oct. 5	S-1
Lee Powell	Large golden yel. dec. Vigorous, showy		Oct. 10	P-2
Goldrush	Small Single, vigorous 3' growth		Oct. 10	S-1
Treasure	Small Pompon, upright habit, fine for cut		Oct. 10	P-3
Bright Forecast	Small Formal Pompon, excellent for cut		Oct. 10	S-1
Lemonade	Ivory Yellow; Int. Dec., outstanding color		Oct. 12	S-1
Sweepstakes	Small Pompon, good substance, good production		Oct. 12	S-1

## 8-Week Varieties

Arlora	Large soft yellow, incurved excellent substance	July 10	Oct. 15	P-1
Yellow Irene	Small Pompon; Lt. Lemon	July 10	Oct. 15	S-2
Rodell Imp.	Small Pompon; Lt. Lemon	July 10	Oct. 20	S-3
Creampuff	Int. cream sgl. Strong fast growth, heavy producer	July 10	Oct. 20	P-1
Moondrift	Int. Ivory Yel. Sgl., excellent growth and production	July 10	Oct. 20	P-2

## 9-Week Varieties

*Ordalia	Deep golden yel. semi-incurved Dec.	July 20	Oct. 25	P-1
Starlight	Large yellow Daisy	July 20	Oct. 25	P-1
Yel. Firebird	Int. Decorative; Deep Lemon	July 20	Oct. 25	S-2
Red Dot	Int. Pompon; Yellow — Red Center	July 20	Oct. 25	S-3
Golden Herald	Golden Yellow; L. Dec.	July 12	Oct. 25	S-3
Gold Coast	Int. Pompon	July 20	Oct. 25	S-3
Yellow Dot	Int. Pompon	July 20	Oct. 25	S-3
Cream Dot	Int. Pompon, sport of Pink Dot	July 15	Oct. 25	S-3
Aztec	Int. deep yel. Daisy. Heavy producer	July 20	Oct. 28	P-1
Sunup	Small Pompon. Good producer	July 20	Oct. 28	P-3
Yellow Arcadia	Sport of Arcadia	July 16	Oct. 28	S-2
Sauterne	Int. intense yellow. Single.	July 20	Oct. 30	P-1
Gondola	Int. yellow Daisy, outstanding form and color	July 20	Oct. 30	P-1
Mary L. Hall	Deep Yellow; Int. Pompon	July 20	Nov. 1	S-3
Yellow Halo	Sport of Halo	July 20	Nov. 1	P-2
Schn. Yellow Daisy	Int. Single	July 20	Nov. 1	S-1
Yellow Doty	Buff Yellow; Large Pompon	July 15	Nov. 1	S-2
Starbright	Deep Yellow; L. Single	July 15	Nov. 1	S-1
Yellow Daisy	Int. Single	July 20	Nov. 1	S-2
Yellow Sea Gull	Light Yellow; Sport of Sea Gull	July 20	Nov. 1	S-3
Yellow Cassandra	Sport of Cassandra	July 20	Nov. 1	S-1
Calif. Yellow Daisy	Int. Sgl.; Brt. Lemon	July 20	Nov. 1	S-1
Mary Gold	Int. Pompon; Dp. Lemon	July 20	Nov. 1	S-3
Sunray	Int. Single; S. Anemone Center	July 15	Nov. 3	S-3
Honeymoon	Lge. Yellow Daisy of good form	July 20	Nov. 4	P-1

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Yellow Pompons, Decoratives, Singles & Anemones

(Continued)

## 10-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<b>Barcarole</b> , Int. Pompon .....	July 20	Nov. 5	<b>S-2</b>	
<b>Brigadoon</b> , Int. Single, heavily petalled, excellent growth .....	July 20	Nov. 5	<b>P-3</b>	
<b>Crescendo</b> , Large Pompon, tall grower .....	July 20	Nov. 5	<b>S-1</b>	
<b>Constellation</b> , Int. Decorative .....	July 20	Nov. 5	<b>S-3</b>	
<b>Pixie</b> , Small Pompon .....	July 20	Nov. 5	<b>S-2</b>	
<b>Nuggets</b> , Small Pompon .....	July 20	Nov. 5	<b>S-3</b>	
<b>Golden Mensa</b> , Sport of White Mensa .....	July 15	Nov. 5	<b>S-2</b>	
<b>Yellow Shasta</b> , Sport of Shasta .....	July 25	Nov. 10	<b>S-3</b>	
<b>Mason's Yellow</b> , Large Single .....	July 20	Nov. 10	<b>S-1</b>	
<b>Yellow Nagona</b> (Calif. Yel. Mensa), Int. Single .....	July 20	Nov. 10	<b>S-1</b>	
* <b>Lila Lily</b> , Deep lemon int. Anem. ....	July 25	Nov. 10	<b>S-1</b>	
<b>Illini Goldcup</b> , L. Pompon, Buttercup .....	July 25	Nov. 10	<b>S-1</b>	
* <b>Yellow Beauty</b> , L. Pompon, Golden .....	July 25	Nov. 10	<b>S-2</b>	

## 11-Week Varieties

<b>Princeton</b> , Int. Decorative .....	July 28	Nov. 15	<b>S-2</b>
<b>Thorobred</b> , Large Single, good growth, fine production .....	July 22	Nov. 15	<b>P-3</b>
<b>Golden Chord</b> , Golden Yellow; Int. Pompon .....	July 22	Nov. 15	<b>S-2</b>
<b>Forty-Niner</b> , Int. Formal Pompon .....	July 28	Nov. 15	<b>S-2</b>
<b>Yellow Fellow</b> , Int. Decorative .....	July 28	Nov. 15	<b>S-2</b>
<b>Susanne Miller</b> , Large Anemone .....	July 28	Nov. 15	<b>S-1</b>
<b>Tacoma</b> , Large Pompon, broad petalled, excellent form .....	July 28	Nov. 15	<b>P-2</b>
<b>Illini Brave</b> , Small Pompon .....	July 28	Nov. 16	<b>S-1</b>
<b>Yellow L. I. Beauty</b> , Sport of L. I. Beauty .....	Aug. 1	Nov. 20	<b>S-1</b>
<b>Yellow Highbrow</b> , Sport of Highbrow .....	Aug. 1	Nov. 20	<b>P-2</b>
<b>Lollipop</b> , Int. Formal Pompon, round and hard, good production ..	Aug. 1	Nov. 20	<b>S-1</b>
<b>Pippin</b> , Int. Pompon, dependable producer .....	Aug. 1	Nov. 20	<b>P-3</b>
<b>Klondike</b> , Orange Yellow; Int. Pompon .....	July 28	Nov. 20	<b>S-1</b>
<b>Bojangles</b> , Int. Single, heavy petalled, good producer .....	July 25	Nov. 20	<b>S-1</b>
<b>Yellow Nevada</b> , Sport of Nevada, int. Anem. ....	July 25	Nov. 20	<b>S-2</b>
<b>Illini Sunspot</b> , Large Pompon .....	Aug. 1	Nov. 20	<b>P-2</b>
<b>Yellow Rolinda</b> , Int. Anem. — Buff Yellow .....	Aug. 1	Nov. 23	<b>S-3</b>
<b>Yellow Paramount</b> , Deep yel. sport of Paramount, same habits...	Aug. 1	Nov. 23	<b>P-1</b>

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Yellow Pompons, Decoratives, Singles & Anemones

## 12-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<b>Sunnyside</b> , Int. Pompon		Aug. 5	Nov. 25	S-3
<b>Champagne</b> , Int. Single		July 28	Nov. 25	S-1
<b>Goldenrod</b> , Int. Pompon, excellent keeper, heavy production		July 28	Nov. 25	P-3
<b>Illini Gold</b> , Deep Golden Yellow Int. Pompon		July 28	Nov. 25	S-2
<b>Goldsmith</b> , Large Decorative		Aug. 5	Nov. 25	S-2
<b>Highlander</b> , Int. Formal Decorative, dependable producer		July 28	Nov. 25	P-3
<b>Yellow Priscilla</b> , Int. Decorative — Lemon		Aug. 5	Nov. 25	S-1
<b>Golden Jane</b> , now named <b>Yellow Valencia</b>		Aug. 5	Nov. 28	S-2
<b>Yellow Valencia</b> , Sport of Valencia, large single		Aug. 5	Nov. 28	S-2
<b>Yellow Cordova</b> , Sport of Cordova, int. Pompon		July 28	Nov. 30	S-2
<b>Yellow Fortune</b> , Deep yellow sport of Fortune, same habits		July 28	Dec. 1	P-1
<b>Omega</b> , Int. Pompon		Aug. 1	Dec. 1	S-3
<b>Nosegay</b> , Small Pompon, lively and durable		July 28	Dec. 1	P-3
<b>Yellow Galaxy</b> , Sport of Galaxy, int. sgl., wide flat petals		Aug. 1	Dec. 1	P-2

## 13-Week Varieties

<b>Golden Harvest</b> , Deep Gold; Small Pompon	Aug. 1	Dec. 5	S-1
<b>Brandywine</b> , Orange Yellow; Int. Dec. excellent growth habit	Aug. 1	Dec. 5	P-3
<b>Jack-Pot</b> , Golden Yellow; L. Dec.	Aug. 1	Dec. 5	P-3
<b>Symmetry</b> , Int. Pompon	Aug. 10	Dec. 5	P-3
<b>Yellow Acclaim</b> , Bright yellow sport of Acclaim	Aug. 10	Dec. 5	P-1
<b>Yellow Swan</b> , Sport of Swan, large Anem.	Aug. 1	Dec. 5	S-1
<b>Yellow Cameo</b> , Sport of Cameo	Aug. 1	Dec. 5	S-3
<b>Yellow Spangles</b> , Sport of Spangles	Aug. 10	Dec. 5	P-2
<b>Cinderella</b> , Int. Single	Aug. 1	Dec. 5	S-1
<b>Goldtone</b> , Int. Single, heavily petalled	Aug. 10	Dec. 5	S-1
<b>Imp. Yellow Supreme</b> , Large Anemone	Aug. 10	Dec. 10	S-1
<b>Challenge</b> , Int. Single	Aug. 5	Dec. 12	S-1
<b>Corsair</b> , Lg. Semi-Formal Pompon, outstanding vigor & prod.	Aug. 10	Dec. 12	P-3

## 14-Week Varieties

<b>Yellow Snowcap</b> , Deep lemon yellow sport of Snowcap	Aug. 5	Dec. 15	P-1
<b>Yellow Riviera</b> , Golden Yellow; Sport of Riviera	Aug. 10	Dec. 15	S-1
<b>Cream Snowcrest</b> , Sport of Snowcrest	Aug. 10	Dec. 15	P-2
<b>Yellow Snowcrest</b> , Sport of Snowcrest	Aug. 5	Dec. 15	P-3
<b>Yellow Garza</b> , Sport of Garza	Aug. 5	Dec. 15	S-2
<b>Sequin</b> , Small Pompon, a late Pixie	Aug. 5	Dec. 15	S-1
<b>Shamrock</b> , Large Decorative, heavy growth and production	Aug. 5	Dec. 15	S-1
<b>December Gold</b> , Golden Yellow; Int. Decorative	Aug. 5	Dec. 15	S-2
<b>Sunkist</b> , Int. Single	Aug. 10	Dec. 20	S-1
<b>Vibrant</b> , Int. Decorative	Aug. 10	Dec. 20	S-3
<b>Revelry</b> , Int. Decorative	Aug. 10	Dec. 20	P-3
<b>Gold Seal</b> , Int. Single	Aug. 10	Dec. 20	P-2
<b>Sunrise</b> , Int. Pompon, a late Gold Coast	Aug. 10	Dec. 20	P-3
<b>Golden Anniversary</b> , Small Pompon	Aug. 10	Dec. 25	S-1

## 15-Week Varieties

<b>Siren</b> , Int. Decorative	Aug. 15	Dec. 25	S-1
<b>Yuleflame</b> , Large Decorative	Aug. 15	Dec. 25	S-1
<b>Yellow Snow</b> , Sport of Snow	Aug. 10	Dec. 25	S-3
<b>Yellow Revelation</b> , Int. Pompon — Yellow	Aug. 15	Dec. 25	S-3
<b>Illini Yellow Snowbound</b> , Sport of Illini Snowbound	Aug. 15	Jan. 5	P-2

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Bronze & Red Pompons, Decoratives, Singles & Anemones

## 6-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
*W. P. Snyder	Coral Bronze; Int. Dec. dwarf, compact prolific	Oct. 1	S-1	
Marionette	Rust Red; Small Pompon, formal	Oct. 1	S-1	
Mogul	Raspberry Bronze; Small Dec.	Oct. 1	P-2	
Bonfire	Int. Red Pompon	Oct. 1	S-1	

## 7-Week Varieties

Avalon	Light Bronze; Small Pompon	Oct. 5	P-2
Mona	Small Pompon	Oct. 5	S-1
Huntsman	Reddish Bronze; Large Dec.	Oct. 5	S-1
Firecracker	Mahogany Bronze; Int. Dec.	Oct. 5	P-3
*Buckeye	Int. salmon bronze Pompon. Dwarf, compact	Oct. 8	P-1
Panorama	Orange Bronze; Small Pompon	Oct. 10	S-2
Red Velvet	Velvety Crimson; Int. Dec.	Oct. 10	S-1
Bamboo	Buff Bronze; Small Single	Oct. 10	P-3
Blueblood	Deep Amaranthe; Int. Dec.	Oct. 10	S-1
Calico	Coral Bronze; Small Single	Oct. 10	P-3
Caravan	Salmon Bronze; Int. Dec.	Oct. 10	S-1
Carmine Queen	Carmine Red; Small Pompon	Oct. 10	S-1
Carnival	Burnt-Orange; Small Pompon	Oct. 10	S-1
Fireside	Burnt-Orange; Salmon; Int. Dec.	Oct. 10	S-1
Nokomis	Bronze; Int. Dec.	Oct. 12	S-1
Nocturne	Crimson; Small Pompon	Oct. 12	S-1
Nytoda	Apricot Buff; Int. Single	Oct. 12	P-2
Carmelita	Orange Apricot; Int. Dec.	Oct. 12	S-1
Witchery	Golden Bronze; Int. Dec.	Oct. 12	S-1
Mrs. Du Pont	Coral Buff; Large Decorative	Oct. 12	S-1
Admiral	Crimson; Int. Decorative	Oct. 12	P-3
Moonmaid	Int. salmon bronze pompon	Oct. 14	P-1

## 8-Week Varieties

Robinhue	Red; Int. Decorative	July 5	Oct. 15	S-1
Red Glow	Crimson Red; Int. Decorative	July 5	Oct. 15	S-1
Cocktail	Salmon Orange; Int. Pompon	July 5	Oct. 15	P-3
Rajah	Scarlet Red; Int. Single	July 15	Oct. 15	P-3
Detroiter	Reddish Bronze; Small Pompon	July 15	Oct. 15	S-1
James Stewart	Apricot Gold; Small Pompon	July 15	Oct. 15	S-1
Jemima	Large Pompon, Dk. Bronze	July 15	Oct. 20	S-3
Talisman	Int. Talisman bronze Daisy	July 15	Oct. 20	P-1
Paradise	Int. coral red sgl. Tall grower	July 15	Oct. 20	P-1
Palette	Int. dk. salmon sgl. Heavy petallage, good substance	July 15	Oct. 20	P-1
Adelaide	Small Pompon, Dk. Bronze	July 15	Oct. 20	S-3
Br. Mary McArthur	Sport of Mary McArthur, orange bronze	July 15	Oct. 23	S-1

## 9-Week Varieties

Gaiety	Int. coral bronze sgl. Good growth and production	July 20	Oct. 25	P-1
Firebird	Reddish Bronze; Int. Dec.	July 20	Oct. 25	S-2
Bronze Dot	Sport of Pink Dot	July 14	Oct. 25	S-3
Buckskin	Tawny Bronze; Small Single, outstanding production	July 20	Oct. 25	S-1
Bonton	Int. Pompon — Rosewood	July 20	Oct. 25	S-2
Oct. Bronze	Int. Single — Rosewood	July 20	Oct. 28	S-2
*Hilarity	Int. golden bronze sgl. Wide petalled small Daisy	Nov. 1		P-1

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Bronze & Red Pompons, Decoratives, Singles & Anemones

## 9-Week Varieties (Cont'd)

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Seneca, Orange Red; Int. Dec.	.....	July 14	Nov. 1	S-2
Firefly, Orange Red; Int. Pompon, holds color well	.....	July 14	Nov. 1	S-1
Bronze Daisy, Light Bronze; Sport of Yellow Daisy	.....	July 15	Nov. 1	S-2
Imp. Br. Daisy (Katoka Red), Sport of Br. Daisy, more vivid	.....	July 15	Nov. 1	S-1
Buccaneer, Orange Apricot; Int. Single. Fine growth & prod.	.....	July 25	Nov. 1	P-3
Red Seneca, Red Sport of Seneca	.....	July 25	Nov. 1	S-1
Br. Buckingham, Sport of Pk. Calif. Daisy	.....	July 20	Nov. 1	S-1
Navaho, Red; Int. Pompon	.....	July 25	Nov. 1	S-2
Red Daisy, Red; Int. Single	.....	July 15	Nov. 1	S-2
Imp. Red Daisy (Adachi Red). Sport of Red Daisy	.....	July 15	Nov. 1	S-1

## 10-Week Varieties

Flame Glow, Int. sgl. golden orange. Fine growth and production	July 25	Nov. 5	P-1
Comanche, Orange Bronze; Int. Pompon	.....	Nov. 5	S-1
Beauregard, Reddish Orange; Int. Pompon	July 25	Nov. 5	S-1
Orange Beauregard, Lively light orange sport of Beauregard	July 20	Nov. 5	P-1
Butterscotch, Golden Bronze; Int. Pompon	July 20	Nov. 5	S-1
Cassandra, Orange Bronze; Int. Pompon	July 20	Nov. 5	S-2
Red Rust, Reddish Bronze; Int. Dec.	July 25	Nov. 5	S-2
Rubicon, Bronze Red; Int. Dec.	July 20	Nov. 5	S-2
Magician, Bronze; L. Pompon	July 20	Nov. 5	S-1
Bittersweet, Bittersweet Red; Int. Single	July 25	Nov. 5	S-2
*Gypsy, Bronze; Small Anemone	July 25	Nov. 8	S-3
Samovar, Reddish Bronze; Int. Pompon	July 20	Nov. 10	S-1
Sylvania, Reddish Orange; Int. Single	July 19	Nov. 10	S-2
Chanticleer, Reddish Bronze; L. Pompon	July 20	Nov. 10	S-1
Mason's Bronze, Burnt Orange; Large Single	July 19	Nov. 10	S-1
Mason's Red, Scarlet; L. Single	July 19	Nov. 10	S-1
Chevron, Int. red Pompon, intense color	July 25	Nov. 10	S-1
The Titan, Red; Large Anemone	July 25	Nov. 10	S-2
*Bronze Thyra, Sport of Thyra	July 20	Nov. 10	S-1
Illini Burma, Light Bronze; L. Pompon	July 25	Nov. 10	P-3
Europa, Cardinal Red; L. Single	July 19	Nov. 10	S-1
*Copperhead, Coppery Bronze; L. Dec.	July 25	Nov. 10	S-1
Br. Linda Lou, Sport of Linda Lou	July 25	Nov. 10	S-1
Br. Tuxedo, L. Anemone; Sport of Tuxedo	July 19	Nov. 10	S-1
Gold Braid, Yellow Bronze-Red Center; Int. Pompon	July 20	Nov. 12	P-3
Illini Rye, Straw Color; Int. Pompon	July 25	Nov. 12	P-3
Br. Masterpiece, Sport of Masterpiece	July 25	Nov. 12	S-3
Dk. Br. Masterpiece, Sport of Br. Masterpiece	July 20	Nov. 12	S-2
Paragon, Red; L. Pompon, heavy producer	July 25	Nov. 12	S-1
Illini Tangier, Reddish Bronze; L. Decorative	July 25	Nov. 12	P-2
*Red King, Int. red Daisy. Short, compact, good growth and prod.	July 25	Nov. 13	P-1
*Cadet, Int. red Anem. Short compact pot variety	July 25	Nov. 14	P-1

## 11-Week Varieties

Mrs. Dewey, Deep Bronze; L. Sgl. Heavy petalled, good keeper	July 28	Nov. 15	S-1
*Shalimar, Orange Bronze; Int. Anemone, short, compact	July 28	Nov. 15	P-3
Red Princeton, Brazil Red; Sport of Princeton	July 28	Nov. 15	S-2
Illini Honey, Honey Amber; Small Pompon	July 28	Nov. 15	S-1

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Bronze & Red Pompons, Decoratives, Singles & Anemones

## 11-Week Varieties (Cont'd)

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Illini Redhead, Deep Red; Small Pompon	.....	July 28	Nov. 17	S-1
Illini Warrior, Bronzy Orange; Int. Pompon	.....	Aug. 1	Nov. 20	S-1
Legal Tender, Bronze & Gold — Int. Dec.	.....	Aug. 1	Nov. 20	S-3
Rusticon, Rust Red; Int. Pompon	.....	July 25	Nov. 20	S-2
Thelma, Orange Scarlet; Int. Pompon, brilliant color	.....	Aug. 1	Nov. 20	P-3
Bourbon, Rust Bronze; Int. Single	.....	July 25	Nov. 20	S-1
Carousel, Coral Bronze; Int. Single	.....	July 25	Nov. 23	S-1
Festival, Apricot Red; Int. Single	.....	July 25	Nov. 23	S-1
Br. Minuet, Sport of Minuet	.....	July 28	Nov. 23	S-2
Red Rolinda, Red; Int. Anemone	.....	July 25	Nov. 23	S-3

## 12-Week Varieties

Illini Redwood, Int. Red Pompon, hard and durable	.....	Aug. 1	Nov. 25	P-1
Br. Goldsmith, Orange; Large Dec.	.....	Aug. 1	Nov. 25	S-2
Wanakah, Sport of Hasegawa Pink; Coral salmon	.....	July 28	Nov. 25	P-2
Falcon, Reddish Bronze; Int. Pompon, improved Rusticon	.....	July 28	Nov. 25	S-1
Yolanda, Dk. Orange Bronze; Int. Anemone, high production	....	Aug. 1	Nov. 25	S-1
Indian Head, Reddish Apricot; Int. Single	.....	July 28	Nov. 28	S-1
Apricot Valencia, Sport of Valencia	.....	Aug. 1	Nov. 28	S-2
Crimson Valencia, Sport of Valencia	.....	July 28	Nov. 28	S-1
Amberina, Orange Bronze; Int. Dec.	.....	Aug. 1	Dec. 1	P-3
Galaxy, Orange Scarlet; Int. Single	.....	Aug. 1	Dec. 1	S-1

## 13-Week Varieties

Dazzler, Coppery Bronze; Partial Anemone. Strong grower	.....	Aug. 1	Dec. 5	P-3
Br. Enchantress, Sport of Enchantress	.....	Aug. 5	Dec. 5	S-2
Debonair, Crimson Red; L. Pompon	.....	Aug. 10	Dec. 5	S-2
Mahogany Viking, Mahogany Bronze; Int. Dec.	.....	Aug. 1	Dec. 5	S-1
Red Supreme, Sport of Dk. Pk. Supreme, large Anem.	.....	Aug. 5	Dec. 10	S-1
Harlequin, Crimson Red; Int. Decorative	.....	Aug. 5	Dec. 10	P-3
Holiday, Crimson Red; Int. Single	.....	Aug. 5	Dec. 10	S-1
Cavalcade, Mandarin Red; Int. Pompon	.....	Aug. 1	Dec. 10	S-1
Pageantry, Red; Int. Pompon	.....	Aug. 4	Dec. 10	S-1
Imp. Bronze Supreme, L. Anem. — Buff Apricot	.....	Aug. 10	Dec. 10	S-1
Christmas Star, Scarlet Red; Int. Single	.....	Aug. 10	Dec. 12	S-2
Br. Minstrel, Coral Sport of Minstrel	.....	Aug. 5	Dec. 13	S-1
Dk. Br. Minstrel, Reddish Bronze Sport of Minstrel	.....	Aug. 5	Dec. 13	P-2

## 14-Week Varieties

Bronze Riviera, Sport of Riviera, Int. Dec.	.....	Aug. 5	Dec. 15	S-1
Claret, Brilliant Red; Int. Single. Short, stocky growth	.....	Aug. 5	Dec. 15	P-3
Topaz, Orange Bronze; Int. Single. Heavy petalled, strong	.....	Aug. 15	Dec. 15	P-3
Christmas Greeting, Crimson Scarlet; Int. Dec. Good production	....	Aug. 15	Dec. 15	S-1
Sarong, Crimson; Int. Single	.....	Aug. 5	Dec. 15	S-2
Merrymaker, Scarlet Red; Int. Single	.....	Aug. 15	Dec. 20	S-1
Poinsettia, Scarlet Red; L. Single	.....	Aug. 15	Dec. 20	P-3

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Pink Pompons, Decoratives, Singles & Anemones

## 6-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Early Wonder, Lavender, Int. Pompon		Oct. 1	Oct. 1	S-2
Spellbound, Int. Decorative		Oct. 1	Oct. 1	S-2

## 7-Week Varieties

Petrisian Mauve, New DePetris hybrid for garden and Spring pot plants	Oct. 5	P-0
Petrisian Pink, New DePetris hybrid for garden and Spring pot plants	Oct. 5	P-0
Petrisian Rose, New DePetris hybrid for garden and Spring pot plants	Oct. 5	P-0
Courtier, Lavender Pink Decorative. Garden type, compact	Oct. 10	P-3
Dream Girl, Int. Pompon	Oct. 10	S-1
*Ponca, Dk. Lavender, Small Decorative, compact, prolific	Oct. 10	S-1
Argonne, Amaranthe Pompon	Oct. 10	S-1
Lassie, Dk. Pk.; Int. Decorative	Oct. 10	P-3
Serenade, Magenta Pink; Int. Sgl. Strong 3' stems, fine for cut	Oct. 10	S-1
Orchid Spoon, Int. Spoon	Oct. 10	S-1
Joybringer, Salmon Rose; Int. Dec.	Oct. 10	S-1
Brigadier, Salmon Rose; Int. Decorative	Oct. 10	P-2
Sweetheart, Light Lavender; Int. Sgl. Fine cut flower, 3' stems	Oct. 10	S-1
Allegro, Small Decorative	Oct. 12	S-2
Masquerade, Small Pompon	Oct. 12	S-1
Ronnie, Dk. Lavender; Small Pompon	Oct. 12	S-1
Salute, Deep Pink; Small Single cut flower variety	Oct. 12	S-1
Adagio, Coppery Rose Pompon	Oct. 12	S-1
*Lavender Lady, Lt. Lav.; Lg. Dec. Good for Mother's Day plant	Oct. 12	S-1
Sonnet, Int. salmon pink Pom. Stocky, compact	Oct. 14	P-1
Betty, Int. Lt. Salmon pink Dec.	Oct. 14	S-1

## 8-Week Varieties

*Fairyland, Lively pink int. Dec. Improves Carolyn Yosick	July 15	Oct. 15	P-1
Mayfair, Int. pink sgl. Growth and production surpasses Reward	July 15	Oct. 15	P-1
Jester, Int. dk. orchid pink sgl. Free vigorous growth	July 15	Oct. 15	P-1
*Citation, Int. pink Pompon. Dwarf, compact. Pot plant disbud	July 15	Oct. 15	P-1
Enterprise, Amaranthe, Int. Pompon	July 15	Oct. 15	P-2
Eliz. Hood, Lavender; Large Pompon	July 15	Oct. 15	P-2
Jewell, Lavender; Small Pompon	July 15	Oct. 15	S-2
Dk. Jewell, Small Pompon; Dark Lavender	July 15	Oct. 15	S-2
Mirth, Int. Lt. pink sgl. Larger than Reward	July 15	Oct. 20	P-1
Carolyn Yosick, Lavender; Small Decorative	July 15	Oct. 20	S-3
Pink Sprite, Small Pompon	July 18	Oct. 23	S-1
Mary McArthur, Small Pompon	July 14	Oct. 23	S-1
Capt. Cook, Int. Pompon; Deep Rose	July 15	Oct. 23	S-3
Prelude, Int. coral pink sgl. Beautiful pastel	July 15	Oct. 24	P-1

## 9-Week Varieties

Pinkette, Int. pink Pompon	July 15	Oct. 25	P-1
Vogue, Lge. pink sgl. Beautiful form and substance	July 15	Oct. 25	P-1
Edith Roberts, Light Orchid Pink; Small Pompon	July 12	Oct. 25	S-1
Reward, Int. Single	July 20	Oct. 25	S-1
Pink Dot, Int. Pompon	July 14	Oct. 25	S-3
Jessie, Lavender; Int. Pompon	July 20	Oct. 25	S-3
Betty Rose, Lavender; L. Anemone	July 15	Oct. 25	S-1
Oct. Pink, Int. Single	July 20	Oct. 25	S-2

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Pink Pompons, Decoratives, Singles & Anemones

## 9-Week Varieties (Cont'd)

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Bluechip, Int. pink Dec.	Vigorous growth, heavy production . . . . .		Nov. 1	P-1
Pk. Calif. Daisy (W. H. Buckingham)	Int. Single . . . . .	July 20	Nov. 1	S-1
Rainbow, Coral Pink; Int. Single . . . . .		July 20	Nov. 1	P-2
Ballerina, Int. Single . . . . .		July 15	Nov. 1	S-1
Lillian Doty, Rose Pink; L. Pompon . . . . .		July 20	Nov. 1	S-2
Arbutus, Shrimp Pink; Int. Pompon . . . . .		July 20	Nov. 1	P-2
Lotus, Int. pink Pompon. Mary McArthur growth . . . . .			Nov. 3	P-1
Tempo, Int. deep pink Dec. Rigid stem, strong flower . . . . .			Nov. 3	P-1
*Portrait, Lge. pink Pompon. Strong, compact, heavy producer . . . . .			Nov. 8	P-1

## 10-Week Varieties

Dreamboat, Lavender Pink; Int. Pompon . . . . .	July 22	Nov. 5	S-2
Dark Bulkeley, Int. Formal Pompon . . . . .	July 19	Nov. 8	S-1
Pennant, Int. pink Dec. A dark pink Masterpiece . . . . .		Nov. 10	P-1
*Cover Girl, Lt. pink Anem. with salmon pink cushion . . . . .		Nov. 10	P-1
Nobility, Int. lt. pink sgl. Flat form, medium to tall . . . . .		Nov. 10	P-1
Pandora, Luminous Pink; L. Dec Vigorous growth . . . . .	July 20	Nov. 10	P-3
*Thyra, Int. Formal Pompon . . . . .	July 20	Nov. 10	S-3
Soprano, Large Single . . . . .	July 19	Nov. 10	S-1
Linda Lou, Int. Anemone . . . . .	July 19	Nov. 10	S-3
Dark Linda Lou, Sport of Linda Lou . . . . .	July 25	Nov. 10	S-3
Tuxedo, Large Anemone . . . . .	July 19	Nov. 10	S-1
*Queen of Pinks, L. Pompon; Lavender Rose . . . . .	July 25	Nov. 10	S-3
Miss Clarinda, Int. Pompon; Light Lavender . . . . .	July 25	Nov. 10	P-3
Masterpiece, Int. Pompon . . . . .	July 25	Nov. 12	S-3
Rose Masterpiece, Rose Pk. Sport of Masterpiece . . . . .	July 20	Nov. 12	S-2
Salmon Masterpiece, Salmon Pk. Sport of Masterpiece . . . . .	July 20	Nov. 12	S-2
Memorial, Int. Anemone . . . . .	July 25	Nov. 12	P-3
Taffeta, Int. Decorative two-tone . . . . .	July 22	Nov. 12	S-1

## 11-Week Varieties

Carole, Lt. pink Anem. with salmon pink cushion . . . . .		Nov. 15	P-1
Dark Norma, Deep Lavender; L. Anemone . . . . .	July 25	Nov. 15	S-1
Orchid Beauty, Golden Cushion; Int. Anemone . . . . .	July 25	Nov. 15	S-2
Brocade, Shell Pink; Int. Single . . . . .	July 22	Nov. 15	S-3
Freida, L. Anem.; Lt. Lavender . . . . .	July 25	Nov. 15	S-3
*Polka, Int. pink Anem. Compact growth, excellent pot plant . . . . .		Nov. 20	P-1
Nugano, Int. Pompon. Excellent growth and production . . . . .		Nov. 20	P-1
Grand Slam, Silvery Shell Pk.; L. Single . . . . .	July 28	Nov. 20	P-3
Almega, Lavender Pink; Large Pompon . . . . .		Nov. 20	P-2
Vivacious Lady, Spoon Type Novelty . . . . .	July 25	Nov. 20	P-3
Evening Star, Dk. Lavender; Int. Anemone . . . . .	July 28	Nov. 20	P-3
Pink L. I. Beauty, Lt. Pk. Sport of L. I. Beauty. Large Anemone . . . . .	July 28	Nov. 20	S-1
Pinky, Int. Decorative . . . . .	July 25	Nov. 20	S-1
Dk. L. I. Beauty, Imp. Pink L. I. Beauty . . . . .	July 28	Nov. 20	P-2
Majorette, Int. Anemone . . . . .	July 28	Nov. 20	S-1
Dk. Pink Majorette, Dark sport of Majorette. Lively, intense . . . . .		Nov. 20	P-1
Minuet, Int. Pompon . . . . .	Aug. 1	Nov. 23	S-2
Illini Formal, Int. Rose Pink Pompon . . . . .	Aug. 1	Nov. 23	P-1

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Pink Pompons, Decoratives, Singles & Anemones

(Continued)

## 12-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Pink Cloud, Lt. pink Dec. Fine form and substance .....			Nov. 25	P-1
Princess, Small Pompon .....	July 28	Nov. 25	P-3	
Hasegawa Pink, Lavender; Int. Single .....	July 28	Nov. 25	S-1	
*Beautiful Lady, Lavender; L. Anemone .....	Aug. 1	Nov. 25	S-3	
Valencia, Orchid Pk.; Large Single .....	Aug. 1	Nov. 28	S-2	
Dark Valencia, Sport of Valencia .....	Aug. 1	Nov. 28	S-2	
Dubonnet Valencia, Deep Orchid; Sport of Valencia .....	Aug. 1	Nov. 28	P-2	
Orchid Valencia, Orchid; Sport of Valencia .....	Aug. 1	Nov. 28	P-3	
Salmon Valencia, Salmon Pink; Sport of Valencia .....	Aug. 1	Nov. 28	P-3	
Heritage, Dk. Pink; L. Formal Pompon. Vigorous, good prod. ....	Aug. 5	Dec. 1	P-3	

## 13-Week Varieties

Enchantress, Large Anemone .....	Aug. 5	Dec. 5	S-2
Dark Enchantress, Deep Pink; Sport of Enchantress .....	Aug. 1	Dec. 5	S-1
Argyle, Small pink Pompon. Hard flower, outstanding .....		Dec. 10	P-1
Debutante, Large Single, Lavender .....	Aug. 5	Dec. 10	S-1
Dk. Pk. Supreme, Lavender; L. Anemone .....	Aug. 10	Dec. 10	S-1
Imp. Dk. Supreme, Sport of Dk. Pk. Supreme, larger flatter flower ..	Aug. 10	Dec. 10	S-1
Minstrel, Int. Formal Pompon, Lavender .....	Aug. 7	Dec. 13	S-1
Lt. Pk. Minstrel, Sport of Minstrel .....	Aug. 7	Dec. 13	P-2

## 14-Week Varieties

Dk. Riviera, Deep Lavender — Int. Dec. ....	Aug. 10	Dec. 15	S-3
Riviera, Luminous Pink; Int. Dec. ....	Aug. 5	Dec. 15	S-3
Serrated Riviera, Sport of Riviera .....	Aug. 10	Dec. 15	P-2
Coronet, Dark Pink; Int. Single .....	Aug. 5	Dec. 15	S-1
Pk. Treas. Island, Lt. Lavender — Int. Dec. ....	Aug. 15	Dec. 20	S-3
Rosalind, Int. Single, Lavender .....	Aug. 10	Dec. 20	S-3
Defiance, Int. Decorative .....	Aug. 15	Dec. 20	S-1
Medallion, Int. Pompon, Lavender Rose .....	Aug. 15	Dec. 20	S-1
Rose Medallion, Sport of Medallion .....	Aug. 15	Dec. 20	P-2

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# White Standards

## 8-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Silver Sheen, Int. Incurved		July 10	Oct. 20	S-3
White Chief, Int. Incurved		July 10	Oct. 20	S-1
Christina, Small Incurved		July 12	Oct. 23	S-1

## 9-Week Varieties

Granite State, Small Semi-Incurved	July 15	Oct. 25	S-3
Ambassador, Cream White; Int. Semi-Incurved	July 15	Oct. 25	S-2
Nightingale, Spider type, chartreuse center	July 20	Dec. 25	S-2
*Queen's Lace, Spider	July 15	Nov. 1	S-1
Kay Tashima, Spider	July 20	Nov. 1	S-1
*Wilson's White, Int. Incurved, outst'g white standard pot mum	July 15	Nov. 1	P-3
Albatross, Pure White; Int. Incurved	July 15	Nov. 1	S-2
Snow White, White; Large Incurved	July 20	Nov. 1	S-3

## 10-Week Varieties

Betsy Ross, Ivory White; L. Incurved	July 20	Nov. 5	S-3
Giant Betsy Ross, Sport of Betsy Ross	July 20	Nov. 5	S-2
White Rayonnaute, Spider	July 20	Nov. 5	S-2
*Indianapolis White, Int. Incurved	July 20	Nov. 5	S-3
Richard Mandel, Small Incurved	July 20	Nov. 5	S-2
Jean Elizabeth, L. Semi-Incurved	July 25	Nov. 10	S-2
Crystal Queen, Imp. Jean Elizabeth, Sport of Orchid Queen	July 25	Nov. 10	P-2
White Pockett, Large Incurved	July 20	Nov. 10	S-1
Monument, Ivory White; Int. Incurved	July 25	Nov. 10	S-2

## 11-Week Varieties

Sterling, Large Incurved	July 22	Nov. 15	S-1
*Marketeer, Int. Semi-Incurved	July 28	Nov. 18	S-3
Mefo, Ivory White; L. Incurved	July 28	Nov. 20	S-2
*White Frick, Int. Incurved	July 28	Nov. 20	S-2
Indiana Market, Int. Incurved	July 28	Nov. 20	S-1

## 12-Week Varieties

Chattanooga, Large Incurved	Aug. 1	Nov. 25	S-3
December Glory, Ivory White; Int. Incurved	Aug. 5	Dec. 1	S-2
Margaret Moeller, Int. Incurved	July 30	Dec. 3	S-3

## 13-Week Varieties

December White, Int. Incurved	Aug. 1	Dec. 5	S-2
White Mistletoe, Int. Incurved	Aug. 5	Dec. 5	S-2
Snowline, Large Incurved, showy	Aug. 5	Dec. 10	S-1
Smith's White, Int. Semi-Incurved	Aug. 10	Dec. 13	S-2

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Yellow Standards

## 8-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Buttercup, Large incurved golden yellow		July 15	Oct. 15	P-0
*Gold Lode, Int. Reflexed		July 10	Oct. 15	S-3
Celestra, Small, Semi-Incurved		July 10	Oct. 15	S-2
Harvest Golden, Golden; Int. Incurved		July 10	Oct. 15	S-1
Mrs. Kidder, Int. Incurved		July 10	Oct. 20	S-3
Butterball, Int. Incurved		July 10	Oct. 20	S-1
*Blazing Gold, Golden Yellow; Int. Semi-Incurved		July 15	Oct. 23	S-3

## 9-Week Varieties

Smith Superlative, Golden Yellow; Int. Semi-Incurved		July 15	Oct. 25	S-2
Moribana, Spider		July 15	Oct. 25	P-2
Yellow Ambassador, Sport of Ambassador		July 15	Oct. 25	S-2
Yellow Bergen, Sport of Hilda Bergen		July 15	Oct. 25	S-2
Sunglow, Golden Yellow; Int. Incurved		July 15	Oct. 25	S-3
Golden Glory, Golden Yellow; Int. Incurved		July 16	Nov. 1	S-2
*Yellow Lace, Sport of Queen's Lace		July 15	Nov. 1	S-1
Gold Lace, Imp. Yellow Lace		July 15	Nov. 1	P-2
Hooked Yellow Lace, Yellow Lace with Hooked Petals		July 15	Nov. 1	P-2
Good News, Int. Incurved		July 16	Nov. 1	S-2

## 10-Week Varieties

Imp. Ind. Yellow, Selection of Ind. Yellow		July 20	Nov. 5	S-1
Ind. Yellow, Int. Incurved		July 20	Nov. 5	S-3
*Dk. Ind. Yellow, For Pot Plant Use Only		July 20	Nov. 5	S-2
Yellow Rayonnante, Spider, Yellow Sport of Rayonnante		July 20	Nov. 5	S-1
Sue Sally Jones, Lemon; Spider		July 20	Nov. 5	S-1
Yellow Queen, Sport of Orchid Queen		July 20	Nov. 10	S-2
Jamboree, Golden Yellow; Int. Incurved		July 20	Nov. 10	S-1
Yellow Beauty, Small Incurved		July 25	Nov. 10	S-2
Yellow Pockett, Large Incurved		July 20	Nov. 10	S-1
Yellow Monument, Sport of Monument		July 20	Nov. 10	S-2
Honey Dew, Int. Incurved		July 22	Nov. 12	S-2

## 11-Week Varieties

Lorraine, Spider		July 22	Nov. 15	S-1
Yellow Marketeer, Sport of Marketeer		July 25	Nov. 18	P-2
*Bonnaffon DeLuxe, Small Incurved, excellent pot variety		July 25	Nov. 20	S-3
Friendly Rival, Int. Incurved		July 25	Nov. 20	S-2
Yellow Mefo, Sport of Mefo		July 25	Nov. 20	S-3
Cream Mefo, Sport of Mefo		July 25	Nov. 20	S-2
Purdue, Int. Incurved		July 25	Nov. 20	S-1
Harvester, Int. Incurved		July 28	Nov. 23	S-3
Marie DePetris, Golden Yellow; Int. Incurved		July 28	Nov. 23	S-2

## 12-Week Varieties

Yellow Chattanooga, Sport of Chattanooga		July 28	Nov. 25	S-3
Dk. Yellow Chatanooga, Deep yellow sport of Chatanooga		July 28	Nov. 25	P-1
Golden Pearson, Int. Incurved		July 28	Nov. 25	S-3
Mrs. Calkins, Golden Yellow; Int. Semi-Incurved		July 28	Nov. 25	S-1
*Sungold, Int. Incurved		July 28	Nov. 25	S-2
Golden Mrs. Ross, Golden Yellow; L. Incurved		July 30	Dec. 3	S-3
Yellow Moeller, Sport of Margaret Moeller		July 30	Dec. 3	S-1

## 13-Week Varieties

Golden Mistletoe, Int. Incurved		Aug. 1	Dec. 5	S-2
Chalice, Int. Incurved		Aug. 1	Dec. 5	P-3
Tobin's Yellow, Int. Semi-Incurved		Aug. 5	Dec. 13	S-2
Metore, Int. Semi-Incurved		Aug. 5	Dec. 13	S-2
Dauntless, Golden Yellow; Semi-Incurved		Aug. 5	Dec. 13	S-1

\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Bronze & Red Standards

## 8-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
Chopin, Large inc. lt. bronze .....		July 15	Oct. 15	P-0
*Amber Bright, Int. Incurved .....		July 15	Oct. 15	S-1
Mayford's Triumph, Dk. Amber; Int. Incurved .....		July 15	Oct. 15	S-1

## 9-Week Varieties

Dalwin, Light Bronze Spider .....	July 15	Oct. 25	P-2
Hilda Bergen, Int. Incurved .....	July 15	Oct. 25	S-2
*Glitters, Reddish Orange; Int. Reflexed .....	July 15	Oct. 28	S-2
*Red Glitters, Sport of Glitters .....	July 15	Oct. 28	S-2
Ivanhoe, Reddish Bronze; Small Incurved .....	July 15	Nov. 1	S-2
Apricot Queen, Orange Bronze; Int. Incurved .....	July 15	Nov. 1	S-2
Detroit News, Reddish Bronze; Int. Incurved .....	July 15	Nov. 1	S-2
Royal Bronze, Orange Bronze; Small Incurved .....	July 15	Nov. 1	P-2

## 10-Week Varieties

Waikiki, Apricot Bronze; Spider .....	July 20	Nov. 5	S-1
Gena Harwood, Buff Bronze Spider .....	July 20	Nov. 5	S-1
Nomago, Bronze Spider .....	July 20	Nov. 5	P-3
Mamaru, Buff Bronze Spider .....	July 20	Nov. 5	S-2
Ind. Bronze, Int. Incurved .....	July 20	Nov. 5	S-3
*Ind. Golden Bronze, Quilled; For Pot Plant Use Only .....	July 20	Nov. 5	P-3
Dk. Ind. Bronze, Sport of Ind. Bronze .....	July 20	Nov. 5	P-2
Anaconda, Coppery Red; Large Incurved .....	July 20	Nov. 8	S-2
Oakdale, Buff Bronze; Int. Incurved .....	July 20	Nov. 10	S-1
Br. Orchid Queen, Sport of Orchid Queen .....	July 20	Nov. 10	S-2
Mrs. Stahelin, Reddish Bronze; Int. Incurved .....	July 20	Nov. 10	S-1
Mrs. Roy, Red; Int. Incurved .....	July 22	Nov. 13	S-1
Garnet King, Deep Red; Int. Reflexed .....	July 22	Nov. 13	S-2

## 11-Week Varieties

*Br. Frick, Sport of Helen Frick .....	July 25	Nov. 20	S-2
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## 12-Week Varieties

Gladys Pearson, Buff Bronze; Int. Incurved .....	July 25	Nov. 25	S-3
Oak Leaf, Deep Bronze; Int. Incurved .....	July 25	Nov. 25	S-3
Muto's Crimson, Red; Int. Semi-Incurved .....	July 28	Dec. 1	S-1

## 13-Week Varieties

Bronze Mistletoe, Int. Incurved .....	Aug. 1	Dec. 5	S-2
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\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Pink Standards

## 8-Week Varieties

VARIETY	DESCRIPTION	Normal Pinching Date	Normal Flowering Date	Price Classification See Page 1
<b>Pink Chief</b> , Lavender; Int. Incurved .....	July 10	Oct. 15	<b>S-3</b>	
* <b>Major Bowes</b> , Deep Lavender, Int. Incurved .....	July 12	Oct. 15	<b>S-3</b>	

## 9-Week Varieties

<b>Sugarplum</b> , Int. Incurved .....	July 15	Nov. 1	<b>S-1</b>
<b>Mrs. Walker</b> , Deep Lavender; Spider .....	July 15	Nov. 1	<b>S-1</b>
<b>Mary Garden</b> , Spider, light Lavender .....	July 15	Nov. 1	<b>S-1</b>

## 10-Week Varieties

<b>J. W. Prince</b> , Lavender; Int. Incurved .....	July 20	Nov. 5	<b>S-2</b>
<b>Rayonnante</b> , Spider .....	July 20	Nov. 5	<b>S-2</b>
<b>Ind. Pink</b> , Int. Incurved .....	July 20	Nov. 5	<b>S-3</b>
<b>Orchid Queen</b> , Orchid Pink; Semi-Incurved .....	July 20	Nov. 10	<b>S-2</b>
<b>Lavender Queen</b> , Sport of Orchid Queen .....	July 20	Nov. 10	<b>S-1</b>
<b>Dk. Orchid Queen</b> , Deep Pk. Sport of Orchid Queen .....	July 20	Nov. 10	<b>S-2</b>
* <b>Peggy Hoover</b> , Spider .....	July 20	Nov. 10	<b>S-1</b>
<b>Queen of Pinks</b> , Small Incurved .....	July 20	Nov. 10	<b>S-3</b>
<b>Pink Pockett</b> , Large Incurved .....	July 20	Nov. 10	<b>S-1</b>
<b>Aristocrat</b> , Deep Lavender; Large Incurved .....	July 22	Nov. 20	<b>S-2</b>

## 11-Week Varieties

<b>Rose Delight</b> , Deep Rose — Int. Incurved .....	July 28	Nov. 20	<b>S-1</b>
* <b>Helen Frick</b> , Rose Pink; Int. Incurved .....	July 22	Nov. 20	<b>S-2</b>
* <b>Thanks</b> . Pink, Deep Pink; Int. Reflexed .....	July 25	Nov. 23	<b>S-3</b>
<b>Ed. Seidewitz</b> , Lavender; Int. Incurved .....	July 25	Nov. 23	<b>S-2</b>

## 13-Week Varieties

<b>Pink Mistletoe</b> , Int. Incurved .....	Aug. 1	Dec. 5	<b>S-2</b>
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\* Recommended for Pot Culture

FOR PRICES SEE PAGE 1

# Garden Varieties

SYMBOLS — (L) LARGE — (D) DECORATIVE — (P) POM — (C) CUSHION — (S) SINGLE — (B) BUTTON — (C-F) CARNATION FLOWERED

\* RECOMMENDED FOR MOTHER'S DAY POT PLANTS PINCHED AND SHORT DAY TREATMENT SAME DAY

D VARIETIES RECOMMENDED AS BETTER WHEN DISBUDDED

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
<b>WHITE</b>					
<b>Osage</b>	(D)	White	Med.	Sept. 5	P-0
<b>Candlelight</b>	(D)	Ivory	Med.	Sept. 5	S-3
<b>D. D. Ahrens</b>	(D)	White	Tall	Sept. 10	S-3
<b>Paper White</b>	(D)	White	Med.	Sept. 10	S-1
* <b>Chris. Columbus</b>	(LD)	Cream	Tall	Sept. 15	S-1
<b>White Cushion</b>	(C)	White	Short	Sept. 15	S-3
* <b>Calcite</b>	(D)	Cream	Med.	Sept. 15	S-3
<b>Drifted Snow</b>	(D)	Cream	Med.	Sept. 15	S-3
<b>Powder Puff (cushion)</b>	(D)	White	Short	Sept. 15	S-1
<b>Polar Ice</b>	(LD)	White	Med.	Sept. 15	S-1
* <b>White Bounty</b>	(B)	White	Tall	Sept. 15	S-1
<b>White Tower</b>	(LP)	Cream	Tall	Sept. 15	S-2
<b>White Wonder</b>	(LP)	Ivory	Med.	Sept. 25	S-2
* <b>Shalimar (Hardy)</b>	(LP)	Cream	Tall	Sept. 25	P-3
<b>White Cloud</b>	(D)	White	Tall	Sept. 25	S-1
* <b>Pepita</b>	(B)	White	Med.	Sept. 28	S-1
<b>Snow Fall</b>	(D)	White	Med.	Oct. 1	S-1
<b>Ermine</b>	(D)	Ivory	Med.	Oct. 1	S-1
<b>Spin Drift</b>	(LD)	White	Med.	Oct. 1	P-1
<b>Winterset (Hardy)</b>	(LD)	White	Med.	Oct. 1	S-2
<b>Limelight (New)</b>	(P)	White	Med.	Oct. 5	P-0
* <b>Lyric</b>	(S)	White	Short	Oct. 5	P-3
<b>Avalanche</b>	(LD)	Cream	Tall	Oct. 5	S-2
* <b>Horizon</b>	(P)	White	Med.	Oct. 5	P-3
<b>Youdath's White</b>	(LD)	White	Med.	Oct. 5	S-3
* <b>Monogram</b>	(S)	White	Short	Oct. 5	S-1
<b>Snow Elf</b>	(P)	White	Med.	Oct. 8	S-1
* <b>Classic</b>	(B)	White	Tall	Oct. 10	S-1
* <b>Maestro</b>	(P)	White	Short	Oct. 10	S-1
* <b>Renown</b>	(S)	White	Med.	Oct. 10	S-1
<b>White Spoon</b>	(Spoon)	White	Med.	Oct. 10	S-3
* <b>Silverplate</b>	(D)	White	Med.	Oct. 12	S-1
<b>Silver Ball</b>	(P)	White	Tall	Oct. 15	S-3
<b>Irene</b>	(B)	White	Med.	Oct. 15	S-2
<b>Norona</b>	(SP)	White	Med.	Oct. 15	P-3

FOR PRICES SEE PAGE 1

# Garden Varieties

(Continued)

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
<b>YELLOW</b>					
<b>Pathfinder</b>	(CF)	Lemon	Med.	Aug. 28	P-0
<b>Butterball (Hardy)</b>	(P)	Golden	Short	Sept. 1	S-1
<b>*Early Gold</b>	(P)	Golden	Short	Sept. 5	S-1
<b>Golden Hours</b>	(P)	Chrome Yel.	Med.	Sept. 8	S-2
<b>Genista</b>	(P)	Canary	Med.	Sept. 12	N-2
<b>Yel. Supreme (Hardy)</b>	(C)	Bright Lemon	Short	Sept. 15	S-3
<b>*Pomponette</b>	(P)	Golden	Short	Sept. 15	S-3
<b>Yellow Cushion</b>	(C)	Lt. Yellow	Short	Sept. 15	S-3
<b>Sunapee</b>	(P)	Dp. Lemon	Tall	Sept. 15	S-2
<b>*Yel. Chris Columbus</b>	(LD)	Bright Lemon	Med.	Sept. 15	S-1
<b>Yel. Avalanche</b>	(LD)	Lt. Lemon	Tall	Sept. 15	S-2
<b>*Early Yellow</b>	(B)	Dp. Lemon	Short	Sept. 15	S-3
<b>Defiance (Hardy)</b>	(D)	Golden	Tall	Sept. 15	S-1
<b>Golden Carpet</b>	(P)	Golden	Short	Sept. 15	P-3
<b>Bowl o' Gold (cushion)</b>	(P)	Canary	Short	Sept. 15	P-0
<b>*D Ming</b>	(P)	Orange Yel.	Med.	Sept. 18	P-2
<b>*Sept. Sunshine</b>	(S)	Bright Lemon	Med.	Sept. 20	S-2
<b>Wychwood</b>	(LP)	Canary	Med.	Sept. 20	S-2
<b>Canary Wonder</b>	(P)	Canary	Med.	Sept. 25	P-3
<b>Chas. Nye</b>	(LP)	Dp. Lemon	Tall	Sept. 25	S-2
<b>Honeycomb</b>	(P)	Golden	Med.	Sept. 25	S-2
<b>*Moonlight (DePetris)</b>	(D)	Bright Yel.	Med.	Sept. 25	P-2
<b>Lee Powell</b>	(LD)	Chinese Yel.	Tall	Sept. 25	P-2
<b>Tangerine</b>	(LD)	Dp. Orange	Med.	Sept. 25	S-2
<b>Flaxen Beauty</b>	(LD)	Lt. Lemon	Med.	Oct. 1	P-2
<b>King Midas</b>	(LD)	Lemon	Med.	Oct. 1	S-3
<b>*Chiquita</b>	(B)	Dp. Lemon	Med.	Oct. 1	S-2
<b>James Eadie</b>	(LP)	Dp. Chrome	Tall	Oct. 5	S-2
<b>Garland</b>	(S)	Lemon	Short	Oct. 5	P-3
<b>Polaris</b>	(S)	Golden Buff	Med.	Oct. 5	S-1
<b>Vanguard</b>	(LP)	Golden	Med.	Oct. 5	P-3
<b>*D Mrs. Rotan</b>	(LD)	Dp. Chrome	Med.	Oct. 5	S-2
<b>Dwight Douglas</b>	(LD)	Golden Yel.	Med.	Oct. 5	N-2
<b>Sunstone (New)</b>	(Spoon)	Lt. Yellow	Tall	Oct. 8	P-0
<b>*Yel. Spoon</b>	(Spoon)	Lt. Yellow	Med.	Oct. 10	S-1
<b>Treasure</b>	(P)	Golden	Tall	Oct. 10	P-3
<b>Golden Spoon</b>	(Spoon)	Golden	Med.	Oct. 10	S-3
<b>*Yel. Blanket</b>	(B)	Brt. Lemon	Med.	Oct. 10	S-2
<b>Bright Forecast</b>	(P)	Brt. Lemon	Med.	Oct. 10	S-1
<b>*Gold Rush</b>	(SI)	Lemon	Med.	Oct. 10	S-1
<b>Sweepstake</b>	(P)	Lemon	Med.	Oct. 12	S-1
<b>*Lemonade</b>	(P)	Ivory Yel.	Med.	Oct. 12	S-1
<b>Judith Anderson</b>	(B)	Golden	Med.	Oct. 15	S-3
<b>Gold Lode</b>	(L-Inc.)	Golden	Med.	Oct. 15	S-3
<b>Rodell Imp.</b>	(B)	Lt. Lemon	Med.	Oct. 15	S-3
<b>Yellow Irene</b>	(B)	Lt. Lemon	Med.	Oct. 15	S-2
<b>Buttercup (Hardy, New)</b>	(L-Inc.)	Golden	Short	Oct. 15	P-0
<b>Sarasota (New)</b>	(P)	Brt. Lemon	Med.	Oct. 15	P-0
<b>Old Gold</b>	(P)	Golden	Med.	Oct. 15	S-2

FOR PRICES SEE PAGE 1

# Garden Varieties

(Continued)

Price  
Classification  
See Page 1

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
<b>BRONZE AND RED</b>					
Early Harvest	(C)	Mah. Orange	Short	Sept. 8	S-2
Harbinger	(D)	Golden Br.	Short	Sept. 8	S-2
*Early Bronze	(B)	Orange Br.	Short	Sept. 8	S-3
*W. P. Snyder	(LP)	Apr. Orange	Med.	Sept. 10	S-1
Autumn Song	(D)	Wine Rose	Med.	Sept. 10	S-2
Apache	(LD)	Red and Gold	Med.	Sept. 15	P-0
Red Gold	(B)	Red and Gold	Med.	Sept. 15	S-2
Orloma	(D)	Apr. Bronze	Med.	Sept. 15	N-2
Overly	(C)	Bronze	Med.	Sept. 20	P-0
Sept. Bronze	(B)	Golden Br.	Med.	Sept. 20	S-3
Goblin	(P)	Golden Br.	Tall	Sept. 20	S-3
Red Glow	(P)	Dark Red	Med.	Sept. 20	S-1
*Orsona	(D)	Red & Bronze	Med.	Sept. 20	N-2
Scarlet Crimson	(D)	Bright Red	Med.	Sept. 20	S-2
Mme. Cadillac (New)	(P)	Raspberry Wine	Short	Sept. 20	N-2
Rouge Cushion	(C)	Bright Red	Short	Sept. 25	P-2
Bronze Wonder	(LP)	Rosewood	Med.	Sept. 25	P-3
Champ. Cushion	(C)	Dp. Bronze	Short	Sept. 25	S-3
Comd. Cushion	(C)	Red	Short	Sept. 25	S-3
Mahogany Cushion	(C)	Jasper Red	Short	Sept. 25	S-3
Marionette	(P)	Rust Red	Med.	Sept. 25	S-1
Holiday (Hardy)	(P)	Golden Br.	Med.	Sept. 25	P-2
*Remembrance	(LD)	Dp. Carmine	Med.	Sept. 28	S-1
Kath. Lehman	(LD)	Orange Br.	Med.	Sept. 28	P-3
Admiration	(LD)	Salmon Fawn	Med.	Sept. 28	P-0
Jubilee (Hardy)	(P)	Crimson	Med.	Oct. 1	P-1
Mogul	(P)	Orange Rust	Med.	Oct. 1	P-2
Reverie	(D)	Buff Bronze	Med.	Oct. 1	P-0
Fiesta	(P)	Orange Rust	Med.	Oct. 1	S-1
Magnificent	(LD)	Plum Red	Tall	Oct. 1	S-1
Red Cloud (cushion)	(C)	Scarlet	Med.	Oct. 1	S-1
Red Riding Hood	(D)	Bright Red	Med.	Oct. 1	S-2
Sam Williston (cushion)	(C)	Deep Red	Short	Oct. 1	S-3
Gondolier	(LD)	Crimson	Med.	Oct. 1	P-0
Bonfire	(D)	Bright Red	Med.	Oct. 1	S-1
Brigadier	(LP)	Plum Red	Med.	Oct. 1	P-2
Regina (New)	(LD)	Apricot Br.	Med.	Oct. 1	P-0
Cardinal Spoon	(Spoon)	Red Bronze	Med.	Oct. 1	S-1
Firecracker	(D)	Mahogany	Tall	Oct. 5	P-3
Cydonia	(LD)	Mahogany	Tall	Oct. 5	S-3
*September Cheer	(S)	Cherry Red	Med.	Oct. 5	S-3
Burgundy	(LD)	Wine Red	Tall	Oct. 5	S-3
Ruby Pompon	(P)	Ruby Crimson	Med.	Oct. 5	S-3
Red Velvet	(LD)	Dk. Crimson	Med.	Oct. 5	S-2
*Mona	(P)	Rust Bronze	Med.	Oct. 5	S-1
Avalon	(P)	Orange Bronze	Tall	Oct. 5	P-2
Courageous	(LD)	Dk. Ruby	Med.	Oct. 5	S-2
*Mrs. Dupont	(LD)	Coral Buff	Tall	Oct. 5	S-1
Beacon	(LD)	Coral Apricot	Tall	Oct. 8	S-1
Panorama	(D)	Orange Rust	Tall	Oct. 8	P-2
Aviator	(P)	Copper	Med.	Oct. 8	S-2
Access	(LP)	Deep Crimson	Med.	Oct. 8	S-1
Amber Glow	(LD)	Rosey Br.	Tall	Oct. 8	S-2
Miguel	(D)	Raspberry Red	Tall	Oct. 8	N-2
*D Calumet (New, Hardy)	(D)	Apricot	Med.	Oct. 10	P-0

FOR PRICES SEE PAGE 1

# Garden Varieties

(Continued)

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
<b>BRONZE AND RED (Cont'd)</b>					
The Chief	(D)	Scarlet Gold	Med.	Oct. 10	S-3
Huntsman	(LD)	Scarlet Orange	Tall	Oct. 10	S-1
Bokhara	(D)	Crimson	Med.	Oct. 10	S-1
Carnival	(LP)	Burnt Orange	Med.	Oct. 10	S-1
Caravan	(LD)	Salmon Br.	Med.	Oct. 10	P-3
Blueblood	(D)	Amaranth Red	Tall	Oct. 10	P-3
Orpheus	(LP)	Roman Red	Tall	Oct. 10	N-2
Carmine Queen	(LP)	Carmine	Tall	Oct. 10	S-1
*Bamboo	(S)	Buff Orange	Tall	Oct. 10	S-1
Fireside	(D)	Burnt Orange	Tall	Oct. 10	S-1
Nytoda	(S)	Golden Apricot	Med.	Oct. 12	P-2
Admiral	(D)	Dark Red	Med.	Oct. 12	P-3
Fashion	(D)	Rosewood	Med.	Oct. 12	P-3
Witchery	(D)	Golden Br.	Med.	Oct. 12	S-1
Nokomis	(LD)	Red Bronze	Med.	Oct. 12	S-1
Nocturne	(P)	Crimson	Med.	Oct. 12	S-1
*James Stewart	(P)	Apricot Gold	Tall	Oct. 15	S-1
Robinhue	(LD)	Dark Red	Tall	Oct. 15	S-1
Br. Pyramid	(LD)	Orange Br.	Tall	Oct. 15	S-2
Mayford's Triumph	(L-Inc.)	Scarlet Br.	Tall	Oct. 15	S-1
Detroiter	(P)	Red Br.	Tall	Oct. 15	S-1
*Carmelita	(LD)	Apricot Br.	Tall	Oct. 15	S-1
Cocktail	(P)	Salmon Br.	Med.	Oct. 15	P-3
Rajah	(S)	Scarlet	Tall	Oct. 15	P-3
Chopin (New)	(L-Inc.)	Lt. Bronze	Med.	Oct. 15	P-0
Arvis (New)	(P)	Bronze	Tall	Oct. 15	P-0

## PINK AND LAVENDER

Gladness	(D)	China Rose	Short	Aug. 28	S-1
Cecil Beed	(D)	Deep Lavender	Med.	Sept. 1	P-2
Dr. Longley	(D)	Rose Pink	Med.	Sept. 1	P-3
Dr. Graham	(D)	Lav.	Med.	Sept. 1	P-0
Sal. Precose	(LD)	Salmon Pink	Short	Sept. 1	S-1
*Welcome	(S)	Mellow Purple	Med.	Sept. 1	S-3
Rosa	(C)	Rose Pink	Med.	Sept. 5	P-0
*Purple Star	(P)	Purple	Med.	Sept. 5	S-3
Barbara Small	(P)	Lavender	Tall	Sept. 10	S-2
*D Nye's Favorite	(D)	Lavender	Med.	Sept. 10	S-1
*Orchid Helen	(D)	Orch. Lavender	Med.	Sept. 10	P-3
Royal Robe	(D)	Purple	Med.	Sept. 15	P-1
Chippewa	(LD)	Bright Purple	Med.	Sept. 15	S-2
Violet	(P)	Amaranth Pink	Med.	Sept. 15	S-2
Fairbow	(P)	Lavender Pink	Med.	Sept. 20	S-1
Tapestry	(LD)	Bright Pink	Med.	Sept. 20	P-3
Heather Bloom	(D)	Heather Pink	Med.	Sept. 20	S-3
*Alert	(LD)	Dark Purple	Med.	Sept. 20	S-3
Olive Longland	(LD)	Apricot Salmon	Med.	Sept. 25	S-3
Imp. Early Wonder	(P)	Lavender	Med.	Sept. 25	S-2
*Spellbound	(D)	Lavender	Med.	Sept. 25	S-2
Capt. J. Smith	(C)	Lavender Pink	Short	Sept. 25	S-3
*Maj. Cushion	(C)	Lavender	Short	Sept. 25	S-3
Pink Beauty	(D)	Salmon Pink	Med.	Sept. 25	S-3
September Dawn	(D)	Rose Pink	Med.	Sept. 25	S-3
Pink Opal	(P)	Persian Rose	Med.	Sept. 28	P-2

FOR PRICES SEE PAGE 1

# Garden Varieties

(Continued)

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
<b>PINK AND LAVENDER (Cont'd)</b>					
Rosita	(B)	Lavender Rose	Med.	Sept. 28	S-2
Malinda Brown	(P)	Lavender Rose	Med.	Sept. 28	P-1
Betty	(LD)	Pk. Rose Ctr.	Tall	Sept. 28	S-1
Misty Maid	(D)	Lt. Pink	Med.	Sept. 28	S-1
Pat. Lehman	(D)	Peach Pink	Tall	Sept. 28	P-3
Fascination	(LD)	Lavender Pink	Med.	Oct. 1	P-1
*D Myrtle Walgreen	(LP)	Amar. Purple	Med.	Oct. 1	S-1
*Tiffany Rose	(S)	Deep Rose	Med.	Oct. 1	S-3
Mischief	(S)	Purple	Short	Oct. 1	P-0
Alex Cummings	(LD)	Deep Rose	Tall	Oct. 3	P-1
Enterprise	(P)	Amaranth	Tall	Oct. 5	P-2
Corona (Hardy, New)	(S)	Deep Lav.	Tall	Oct. 5	P-0
*Pink Surprise	(D)	Lavender	Tall	Oct. 5	S-1
*Lavender Lady	(D)	Lavender Pink	Tall	Oct. 5	S-1
Ponca	(SD)	Dk. Lav.	Short	Oct. 10	S-1
Dream Girl	(P)	Light Lavender	Med.	Oct. 10	S-1
Argonne	(P)	Dark Lavender	Med.	Oct. 10	S-1
*Courtier	(D)	Lavender Pink	Med.	Oct. 10	P-3
Time	(LP)	Lavender	Med.	Oct. 10	S-1
Orchid Spoon	(Spoon)	Orchid Lavender	Med.	Oct. 10	S-1
Rose Spoon	(Spoon)	Lavender Rose	Med.	Oct. 10	S-3
Lassie	(LD)	Dark Pink	Med.	Oct. 10	P-3
*Masquerade	(P)	Lavender Rose	Med.	Oct. 10	S-1
*Joybringer	(D)	Salmon Rose	Short	Oct. 10	S-1
*Serenade	(S)	Magenta	Tall	Oct. 10	S-1
Ronnie	(B)	Dk. Lav.	Med.	Oct. 12	S-1
Elizabeth Hood	(LD)	Lavender Pink	Med.	Oct. 12	P-2
Allegro	(P)	Shrimp Pink	Med.	Oct. 12	S-2
Adagio	(P)	Raspberry Rose	Tall	Oct. 12	S-1
Dawn Rose	(LD)	Grenadine Pink	Med.	Oct. 15	S-1
*Jewell	(P)	Lavender Pink	Med.	Oct. 15	S-2
Dark Jewell	(P)	Dark Lavender	Med.	Oct. 15	S-2

Following are Large flowering Mums which are normally grown in the greenhouse, but also are good outside. Should be disbudded to one bloom per stem.

Symbols: (M) Medium — (L) Large — (Inc.) Incurred — (Ref.) Reflexed

VARIETY	Size & Type	Color	Height	Matures	Price Classification See Page 1
<b>WHITE</b>					
Silver Sheen	M-Inc.	White	Tall	Oct. 20	S-3
<b>YELLOW</b>					
Harvest Golden	M-Inc.	Deep Golden	Tall	Oct. 10	S-1
*D Gold Lode	M-Ref.	Lemon	Tall	Oct. 15	S-3
Celestra	M-Inc.	Lemon	Tall	Oct. 15	S-2
Mrs. Kidder	L-Inc.	Deep Lemon	Tall	Oct. 15	S-3
Buttercup	M-Inc.	Golden	Short	Oct. 15	P-0
<b>BRONZE AND RED</b>					
Mayford's Triumph	M-Inc.	Scarlet Orange	Tall	Oct. 10	S-1
Amber Bright	M-Inc.	Amber Br.	Med.	Oct. 15	S-1
Chopin	M-Inc.	Lt. Bronze	Med.	Oct. 15	P-0
<b>PINK AND LAVENDER</b>					
Pink Chief	L-Inc.	Lavender	Tall	Oct. 15	S-3
Major Bowes	L-Inc.	Deep Lavender	Tall	Oct. 15	S-3

FOR PRICES SEE PAGE 1

# New All Season Chrysanthemum Culture

FROM THE OHIO STATE FLORISTS BULLETIN

## CUT FLOWERS

The schedule of operations is that of Yoder Bros., adapted for the 40° to 45° north latitude (New England, New York, Pennsylvania, north half of Ohio, north half of Indiana, north half of Illinois, Iowa, Minnesota, Wisconsin, Michigan, Washington, and Oregon). For the latitude of 35° to 40° north (southern New Jersey, Delaware, Maryland, Virginia, West Virginia, North Carolina, Kentucky, Tennessee, southern Ohio, southern Indiana, southern Illinois, Missouri, Kansas, Colorado, northern Arkansas, northern Oklahoma, southern Nevada, southern Utah, and central California) a slight modification of the schedule should be made between the dates of July 21 and March 3 only. This modification consists of cutting off one week of long day treatment or, to state in another way, give short day conditions one week earlier than is shown in the schedule presented here. For more southern latitudes, other schedules should be consulted.

Even though you may not be interested in chrysanthemums at all seasons, there is considerable interest in the flowering of the mum for specific periods. For example, the production of white, yellow, and light pink pompons for the spring months has been very profitable for some growers. The schedule can also be used for production of standard mums when natural varieties are mediocre or poor. This is well illustrated in December, when Smith's Late White and Tobin's Late Yellow may be the only varieties available. In this case it is quite simple to delay the flowering of the Indianapolis group, the Mefos, or the Queens for December to have good quality standards for this period.

## CUTTINGS

The cuttings must be taken from lighted stock plants, and it is simplest to buy them from the specialist who is doing it.

## LIGHTING

To prevent formation of flower buds the light intensity must be 10 foot-candles (F.C.). For an extensive area, additional light is best supplied by bulbs near the roof of the greenhouse and you should consult your local light and power company concerning the cheapest method of providing the desired intensity. For smaller installations the spacing given below will be satisfactory for a bench 4 feet wide:

60-watt bulbs in a reflector, spaced 4 feet apart, 2 to 4 feet above the tops of the plants.

100-watt bulbs in a reflector, spaced 6 feet apart, 2 to 4 feet above the tops of the plants.

200-watt bulbs in a reflector, spaced 8 feet apart, 2 to 4 feet above the tops of the plants.

Lights must be used between August 1 and May 15 because during this period the day length is short enough to cause flower buds to form on some of the varieties.

Results of work by experiment stations and commercial firms show that best results with lights are secured by interrupting the night. Actually, the chrysanthemum is a "long night" plant rather than a "short day" plant. This may appear to be splitting hairs, but flower buds can be prevented from forming by interrupting the night even though at the same time the day length is short. Therefore, begin lighting at 10 p.m. for the number of hours shown below:

Month	Hours of lighting per night
August	2
September	2½
October	3
November	4
December	5
January	5
February	4
March	3
April	2
May 1-15	2

Though manipulation of light to control spray formation is feasible, it is too complicated for the grower who is not a mum specialist.

## SHADING

Between September 1 and February 15 the day length is short enough to cause flower buds to form on all varieties. Therefore it is not necessary to cover the plants with black cloth during this period. However, if you have a number of houses or benches in mums and the lights are not all turned off the same day, then you must use black cloth as a curtain between lighted and unlighted benches.

## TEMPERATURE

To insure rapid vegetative growth as well as flower bud set, the night temperature must be 60°F. There are only a few crops that can be grown with chrysanthemums at the 60°F. night temperature during the fall, winter, and early spring months. Chrysanthemums can be grown with roses, gardenias, and China asters. However, stocks, snapdragons, and other cool crops cannot be grown with chrysanthemums. Flowers of extra fine quality can be produced by gradually lowering the night temperature to 50°F. after the flower buds are visible. This requires more time than shown in the schedule and cannot be practiced where chrysanthemums in various stages of development are being grown in the same house.

In hot summer weather, black cloth shade should be applied late in the afternoon and removed later in the morning—this will reduce the heat under cloth. Some varieties will not develop properly if it is too warm under the cloth, while pink and bronze varieties fade at high temperatures.

The best bronze pompons to withstand summer heat are Beauregard, Buckskin, Dark Bronze Masterpiece, Firefly, and Paragon.

### GENERAL RECOMMENDATIONS

The schedule of operations allows for three crops per year from the same square foot of bench space—if you are interested in year around flowering. If not, then use the schedule to flower the chrysanthemums wherever you want them.

Yoders do not pinch the cuttings. Since the market demands are for bunches with at least 6 stems, the planting distance varies with the season; that is, the more natural light there is the closer the planting. The recommended spacing is shown below:

Distance in inches	When plants are to be flowered from
4x6	June 15 to September 15
4x7	September 15 to November 1
4x8	November 1 to December 15
4x9	December 15 to March 15
4x8	March 15 to May 1
4x7	May 1 to June 15

Both pompons and standards are supported with wire and string, the same as pompons usually are. To get the best and most rapid growth, (1) be sure the soil is well drained, (2) keep the nitrate level no higher than 25 ppm (Spurway) in late fall and winter, and (3) keep the Solubridge (soluble salts) readings low.

Disbudding practices vary with the grower—some do, and some don't. Disbudding requires time, but with all except the button types (Pinocchio, etc.) the size of the flower and spray formation can usually be improved.

For color preference at various periods of the year, consult your selling outlet. Market preferences vary too much for specific recommendations.

Yoder's schedule of operations is based on weather conditions for northern Ohio. In the south where the sunlight is brighter, the plants will grow more rapidly and some adjustments may have to be made.

Failure of the plants to flower when given short days is usually due to allowing too many long days. Encore, Moonglow, Golden Chord, Majorette, and a few others are especially troublesome in this respect.

### VARIETIES

You will note that varieties have been classified into groups, depending upon the approximate number of weeks required for them to come into flower from the time they are given short day treatment. Those that naturally flower early are in the 7 or 8 week groups; those flowering somewhat later are in the 10-week group, etc.

Some of the pink, bronze, and red varieties will fade badly at high temperatures. In these colors, the varieties proving the most satisfactory in warm weather are Beauregard, Buckskin, Dark Bronze Masterpiece, Memorial, Pandora, Paragon, Pink Dot, Red Seneca, Reward Rubicon, and Taffeta.

The varieties listed below are recommended for out-of-season production:

### White Pompons, Decoratives, Singles, and Anemones

Variety	Recommended for flowering
<b>7-week varieties</b>	
Classic	May 12 - October 6
Horizon	"
Silverplate	"
White Wonder	"
<b>8-week varieties</b>	
Norona	May 5 - October 13
Pristine	"
<b>9-week varieties</b>	
Halo	April 20 - October 27
Keepsake	"
Pinocchio	"
Popcorn	"
Songster	"
White Popcorn	"
<b>10-week varieties</b>	
Dynamo	April 6 - November 3
Encore	"
Illini Snowdrift	"
Little America	"
Madonna	"
Matchless	"
Moonglow	"
Shasta	"
Shasta Daisy	"
White Mensa	"
<b>11-week varieties</b>	
Crystal Beauty	September 29 - May 5
Highbrow	"
Lakme	"
Paramount	"
Sculpture	"
Snowflake	"
<b>12-week varieties</b>	
Belray	October 13 - April 27
Fortune	"
Monarch	"
White Valencia	"
<b>13-week varieties</b>	
Acclaim	October 27 - April 13
Cameo	"
Cotillion	"
Ivory Cameo	"
Snowdrop	"
Snow Queen	"
Yukon	"
<b>14-week varieties</b>	
Satellite	November 10 - March 30
Silversmith	"
Snowcap	"
Snowcrest	"
<b>Yellow Pompons, Decoratives, Singles, and Anemones</b>	
<b>7-week varieties</b>	
Bright Forecast	May 12 - October 6
Goldrush	"
Polaris	"
Sweepstake	"
<b>8-week varieties</b>	
None suitable.	
<b>9-week varieties</b>	
Gold Coast	April 20 - October 27
Golden Herald	"
Mary Lennon Hall	"
Schneeburg's Yellow Daisy	"
Starbright	"
Sunup	"
Yellow Arcadia	"

Variety	Recommended for flowering
Brigadoon	April 6 - November 3
Crescendo	June 15 - September 15 only
Pixie	April 6 - November 3
Yellow Shasta	"

#### 10-week varieties

Bojangles	September 29 - May 5
Forty-niner	"
Golden Chord	Sept 29 - Dec. 31 only
Klondike	September 29 - May 5
Lollipop	"
Pippin	"
Thorobred	"

#### 11-week varieties

Champagne	October 13 - April 27
Goldenrod	"
Goldsmith	"
Highlander	"
Nosegay	"
Omega	"
Yellow Valencia	"

#### 12-week varieties

Cindarella	October 27 - April 13
Corsair	"
Symmetry	"
Yellow Cameo	"

#### 13-week varieties

Jack pot	November 10 - March 30
Shamrock	"
Siren	"
Vibrant	"
Yellow Riviera	"
Yellow Snowcrest	"

### Bronze and Red Pompons, Decoratives, Singles, and Anemones

#### 7-week varieties

Admiral	May 12 - October 6
Blueblood	"
Carmelita	"
Carmen Queen	"
Firecracker	"
Fireside	"
Marionette	"
Nocturne	"
Red Velvet	"
Witchery	"

#### 8-week varieties

Detroiter	May 5 - October 13
James Stewart	"
Rajah	"
Robinhue	"

#### 9-week varieties

Buccaneer	April 20 - October 27
Buckskin	"
Firefly	"
Red Seneca	"

#### 10-week varieties

Beauregard	April 6 - November 3
Bronze Linda Lou	"
Chanticleer	"
Chevron	"
Copperhead	"
Dark Bronze Masterpiece	"
Paragon	"
Rubicon	"
Samovar	"

#### 11-week varieties

Bronze Minuet	September 29 - May 5
Festival	"
Mrs. Dewey	"
Rusticon	"
Shalimar	"
Thelma	"

Variety	Recommended for flowering
Amberina	October 13 - April 27
Apricot Valencia	"
Bronze Goldsmith	"
Crimson Valencia	"
Galaxy	"
Indian Head	"

#### 12-week varieties

Bronze Minstrel	October 27 - April 13
Christmas Star	"
Harlequin	"
Holiday	"
Mahogany Viking	"

#### 13-week varieties

Bronze Riviera	November 10 - March 30
Christmas Greeting	"
Merrymaker	"
Poinsettia	"
Topaz	"

### Pink Pompons, Decoratives, Singles, and Anemones

#### 7-week varieties

Adagio	May 12 - October 6
Courtier	"
Early Wonder	"
Lassie	"
Spellbound	"
Sweetheart	"

#### 8-week varieties

Carolyn Yosick	May 5 - October 13
Mary McArthur	"

#### 9-week varieties

Ballerina	April 20 - October 27
Pink Dot	"
Reward	"

#### 10-week varieties

Linda Lou	April 6 - November 3
Masterpiece	"
Memorial	"
Pandora	"
Soprano	"
Taffeta	"

#### 11-week varieties

Brocade	September 29 - May 5
Grand Slam	"
Majorette	"
Mermaid	"
Minuet	"
Pinky	"

#### 12-week varieties

Dark Valencia	October 13 - April 27
Heritage	"
Orchid Valencia	"
Princess	"
Salmon Valencia	"
Valencia	"

#### 13-week varieties

Debutante	October 27 - April 13
Minstrel	"

#### 14-week varieties

Defiance	November 10 - March 30
Medallion	"
Riviera	"
Rosalind	"

### White Standards

#### 8- and 9-week varieties

(Handle all as 9-week types)

Queen's Lace	June 16 - October 27
Silver Sheen	"
White Chief	"

Variety	Recommended for flowering
<b>10-and 11-week varieties</b> (Handle all as 10-week types)	
Betsy Ross September 29 - June 9	
Indianapolis White	"
Jean Elizabeth	"
Marketeer	"
Mefo	"
Monument	"
Sterling	"
<b>12-week varieties</b>	
Chattanooga	November 24 - April 27
December Glory	"
<b>Yellow Standards</b>	
<b>8- and 9-week varieties</b> (Handle all as 9-week types)	
Blazing Gold	June 16 - October 27
Good News	"
Yellow Lace	"
<b>10- and 11-week varieties</b> (Handle all as 10-week types)	
Harvester	September 29 - June 9
Indianapolis Yellow	"
Jamboree	"
Lorraine	"
Yellow Mefo	"
Yellow Queen	"
<b>12-week varieties</b>	
Golden Mrs. Ross	November 24 - April 27
Golden Pearson	"
Yellow Chattanooga	"

### POTTED PLANTS

The general rules pertaining to the use of lighted cuttings, lighting, shading, and temperature apply to chrysanthemums grown as pot plants as stated for cut flowers. However, the pinching date and the varieties used are much different. To keep the plants low, compact, and shapely, they must be pinched soon after they are potted.

**Single pinch system.** Some growers prefer to produce plants that are pinched only once, because it is a quick method of production. At least 3 or 4 cuttings should be placed in a 5-inch pot or 4 or 5 cuttings in a 6-inch pot. Azalea pots are suggested rather than standards because they are lower and give better effect to the finished plant. If potted during the spring, summer, and fall months, best results are secured with most varieties by pinching and shading the plants the same day that they are potted. This is often referred to as the pot, pinch, and short day system of production. During the winter months, however, it has been observed that the plants should be allowed to grow for 7 to 10 days before they are pinched and given short days.

**Double pinch system.** Larger, more showy plants are obtained by pinching twice. Three rooted cuttings should be placed in a 5- or 6-inch azalea pot. If potted during the spring, summer, and early fall months, the cuttings should be pinched the same day they are potted and then pinched again in 3 to 4 weeks depending upon the rapidity of growth. With most varieties, the plants should be given short day conditions the same day as the date of the second pinch. In the winter months better results are obtained if the cuttings are

Variety	Recommended for flowering
<b>Bronze and Red Standards</b>	
<b>9-week varieties</b>	
Detroit News	June 16 - October 27
<b>10-week varieties</b>	
Garnet King	September 29 - June 9
Indianapolis Bronze	"
Mrs. Roy	"
Nomago	"
<b>12-week varieties</b>	
Gladys Pearson	November 24 - April 27
Oak Leaf	"
<b>Pink Standards</b>	
<b>8- and 9-week varieties</b> (Handle all as 9-week types)	
Mary Garden	June 16 - October 27
Pink Chief	"
<b>10- and 11-week varieties</b> (Handle all as 10-week types)	
Dark Orchid Queen	September 29 - June 9
Edwin Seidewitz	"
Helen Frick	"
Indianapolis Pink	"
Orchid Queen	"
Pink Pockets	"
Thanksgiving Pink	"

allowed to grow 7 or 10 days before they are pinched the first time, and, second pinch should be made 3 or 4 weeks later.

**Varieties.** The number of good varieties for use as pot plants is rather limited. While it is true that any variety may be pot grown, it is usually the larger flowered types that find quick public acceptance.

### WHITE

Christina — early.  
Granite State — short compact growth; often necessitates more cuttings per pot or use of smaller pots.  
Indianapolis White — usually too tall unless pinched 10 days after short days are started.  
Little America — must be disbudded for best results.  
Queen's Lace — a good novelty but will be too tall unless pinched 10 days after short days are started.  
Richard Mandel — formerly the most popular white.  
Silversmith — though a seedling of Revelation, it is not too tall if pinched 10 to 14 days after short days are started; must be disbudded. Recommended for December through March only.  
White Frick — usually too tall unless pinched 10 days after short days are started.  
Wilson's White — a new one that is worthy of trial.

### YELLOW

Blazing Gold — early, but somewhat soft.  
Bonnafon Deluxe — the best pot mum, bar none. Sometimes uneven or blind in winter.  
Butterball  
Dark Indianapolis Yellow — a sport which is short.  
Golden Glory — may be soft.  
Gold Lode — very soft, but early.  
Indianapolis Yellow — usually too tall unless pinched 10 days after short days are started.  
Sunglow — may be soft.  
Yellow Lace — an excellent novelty, but will be too tall unless pinched 10 days after short days are started.

#### BRONZE AND RED

**Apricot Queen** — if overwatered, this variety quickly becomes chlorotic.

**Bronze Masterpiece** — somewhat soft, and must be disbudded. If too tall, pinch 7 to 10 days after short days are started.

**Copperhead** — usually too tall unless pinched 10 days after short days are started.

**Glitters** — if overwatered, this variety quickly becomes chlorotic.

**Gypsy** — must be disbudded; fades in hot weather.

**Indianapolis Bronze** — usually too tall unless pinched 10 days after short days are started.

**Indianapolis Golden Bronze** — a quilled sport which is short.

**Ivanhoe**

**Mrs. Stahelin** — may be tall.

#### PINK

**Helen Frick** — usually too tall unless pinched 10 days after short days are started.

**Indianapolis Pink** — usually too tall unless pinched 10 days after short days are started.

**Masterpiece** — somewhat soft and must be disbudded. If too tall, pinch 7 to 10 days after short days are started.

**Queen of Pinks** — the most popular pink pot mum; fades badly in hot weather.

**General Remarks.** The best pot mums are produced by placing three rooted cuttings in the finishing pot. If hard, starved plants out of small pots are used, poor specimens should be expected. If the pinches are made too high, the plant will not only be leggy, but require extra care in staking.

Regular applications of fertilizer should be made to keep the foliage green and the plant in a healthy condition. It is no longer necessary to run the plants extremely dry and starve them to obtain compact specimens—proper pinching takes care of this. Foliar nematode and septoria black spot can cause the loss of lower leaves which makes the plants unsightly.

A pot mum that is too tall and leggy or one devoid of lower foliage is the main reason why one hears the remark "pot mums won't sell." Height can be kept in check by pinching 7 to 10 days after short days are started. With some varieties it may be necessary to pinch as late as 14 days after short days are started. It is remark-

able how the variation of pinch date in relation to the start of short days regulates the height and compactness of the plant.

While any variety may be grown as a pot mum, most pompons and standards become tall and leggy, are too soft, or do not produce an eye-catching display of flowers.

Only one flower should be allowed to develop per stem. All other buds should be removed when they are large enough to handle conveniently.

#### Hardy varieties as spring flowering pot plants.

A number of hardy or garden chrysanthemums can be grown as spring flowering pot plants. By using the easy-to-follow directions below there is no trick at all in producing excellent specimens:

1. Use only cuttings taken from lighted stock plants.
2. For flowering about May 1, place 5 rooted cuttings in a 5- or 6-inch pot February 8 and pinch that same day.
3. Give the plants 10 foot-candles of light from 5 p.m. to 10 p.m. each night from February 8 to March 8.
4. On March 8 pinch the plants again, discontinue lighting, and to produce the most uniform specimens shade with black cloth daily from 5 p.m. to 8 a.m. until flowering.
5. Keep the night temperature at 60°F. from potting until flowering.

If the plants are desired somewhat earlier or later than May 1, the dates of potting, pinching, lighting, and shading can be moved ahead or back as desired. This schedule has been worked out at Columbus, Ohio, which is on the 40th parallel. For other localities some modifications may be necessary.

In Ohio the sale of the chrysanthemum as a hardy plant necessitates the purchase of a license for the sale of perennials. Consult with your nursery inspector or county agent if you are not sure of the law in your state.

As a spring flowering pot plant the hardy or garden chrysanthemum is in a class by itself and when correctly grown it should be a valuable addition to the list of spring plants sold by both nurserymen and florists.

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#### The following varieties are recommended:

##### White

Avalanche  
Calcite  
Christopher Columbus  
Classic  
Pepita  
Renown  
Silverplate  
White Wonder

##### Yellow

Bamboo  
Carnival  
Early Gold  
Early Yellow  
Gold Rush  
Lemonade  
September Sunshine  
Witchery  
Yellow Christopher Columbus  
Yellow Spoon  
Yellow Supreme

##### Pink

Joybringer  
Major Cushion  
September Cheer  
Serenade

##### Apricot

Calico  
Tiffany Rose  
W. P. Snyder

##### Bronze

Carmelita  
Early Bronze  
James Stewart  
Mona

##### Orchid

Jewell  
Spellbound

**Schedule of Operations for Unpinched Chrysanthemums at Any Season**

Plant rooted cuttings*	Light beginning	Shade or start short days beginning**									Date of flowering
		For 7-week var.	For 8-week var.	For 9-week var.	For 10-week var.	For 11-week var.	For 12-week var.	For 13-week var.	For 14-week var.		
Jan. 14	Jan. 14	Mar. 10	Mar. 3	Feb. 25	Feb. 18						May 5
Jan. 21	Jan. 21	Mar. 24	Mar. 17	Mar. 10	Mar. 3						May 12
Feb. 4	Feb. 4	Mar. 31	Mar. 24	Mar. 17	Mar. 10						May 19
Feb. 11	Feb. 11	Apr. 7	Mar. 31	Mar. 24	Mar. 17						May 26
Feb. 25	Feb. 25	Apr. 14	Apr. 7	Mar. 31	Mar. 24						June 2
Mar. 3	Mar. 3	Apr. 21	Apr. 14	Apr. 7	Mar. 31						June 9
Mar. 17	Mar. 17	Apr. 28	Apr. 21	Apr. 14	Apr. 7						June 16
Mar. 24	Mar. 24	May 5	Apr. 28	Apr. 21	Apr. 14						June 23
Mar. 31	Mar. 31	May 12	May 5	Apr. 28	Apr. 21						June 30
Apr. 7	Apr. 7	May 19	May 12	May 5	Apr. 28						July 7
Apr. 14	Apr. 14	May 26	May 19	May 12	May 5						July 14
Apr. 21	Apr. 21	June 2	May 26	May 19	May 12						July 21
Apr. 28	Apr. 28	June 9	June 2	May 26	May 19						July 28
May 5	May 5	June 16	June 9	June 2	May 26						Aug. 4
May 12		June 23	June 16	June 9	June 2						Aug. 11
May 19		June 30	June 23	June 16	June 9						Aug. 18
May 26		July 7	June 30	June 23	June 16						Aug. 25
June 2		July 14	July 7	June 30	June 23						Sept. 1
June 9		July 21	July 14	July 7	June 30						Sept. 8
June 16		July 28	July 21	July 14	July 7						Sept. 15
June 23		Aug. 4	July 28	July 21	July 14						Sept. 22
June 30		Aug. 11	Aug. 4	July 28	July 21						Sept. 29
June 30		Aug. 18	Aug. 11	Aug. 4	July 28						Oct. 6
July 7			Aug. 18	Aug. 11	Aug. 4						Oct. 13
July 14				Aug. 11	Aug. 4						Oct. 20
July 14				Aug. 18	Aug. 4						Oct. 27
July 21				Aug. 25	Aug. 18						Nov. 3
July 28				Sept. 1	Aug. 25						Nov. 10
July 28				Sept. 8	Aug. 25						Nov. 17
Aug. 4	Aug. 4			Sept. 15	Sept. 8						Nov. 24
Aug. 11	Aug. 11			Sept. 22	Sept. 15						Dec. 1
Aug. 11	Aug. 11			Sept. 29	Sept. 22						Dec. 8
Aug. 18	Aug. 18			Oct. 6	Sept. 29						Dec. 15
Aug. 25	Aug. 25			Oct. 13	Oct. 6						Dec. 22
Aug. 25	Aug. 25			Oct. 20	Oct. 13						Dec. 29
Sept. 1	Sept. 1			Oct. 27	Oct. 20						Jan. 5
Sept. 8	Sept. 8			Nov. 3	Oct. 27						Jan. 12
Sept. 15	Sept. 15			Nov. 10	Nov. 3						Jan. 19
Sept. 22	Sept. 22			Nov. 17	Nov. 10						Jan. 26
Sept. 29	Sept. 29			Nov. 24	Nov. 17						Feb. 2
Oct. 6	Oct. 6			Dec. 1	Nov. 24						Feb. 9
Oct. 13	Oct. 13			Dec. 8	Dec. 1						Feb. 16
Oct. 20	Oct. 20			Dec. 15	Dec. 8						Feb. 23
Oct. 27	Oct. 27			Dec. 22	Dec. 15						Mar. 2
Nov. 3	Nov. 3			Dec. 29	Dec. 22						Mar. 9
Nov. 10	Nov. 10			Jan. 5	Dec. 29						Mar. 16
Nov. 17	Nov. 17			Jan. 12	Dec. 29						Mar. 23
Dec. 1	Dec. 1			Jan. 19	Jan. 12						Mar. 30
Dec. 8	Dec. 8			Jan. 26	Jan. 19						Apr. 6
Dec. 22	Dec. 22			Feb. 2	Jan. 26						Apr. 13
Dec. 29	Dec. 29			Feb. 23	Feb. 2						Apr. 20
					Feb. 16						Apr. 27

\*For a pinched crop, pinch on this date and plant as indicated below:—

When planting Nov. 15 to Feb. 14, allow 5 weeks from planting to pinching.

When planting Feb. 15 to May 14, allow 4 weeks from planting to pinching.

When planting May 15 to Aug. 14, allow 3 weeks from planting to pinching.

When planting Aug. 15 to Nov. 14, allow 4 weeks from planting to pinching.

\*\*No need to use black cloth between September 1 and February 15 unless lights are used in the same house.

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## CHRYSANTHEMUM ROOTED CUTTINGS—1954

**ALEC HENDERSON INC.**

1305 W. RANDOLPH STREET

**CHICAGO 7, ILL.**

**TELEPHONE MONROE 6-3082**

**Date of Order**

### When Required

Are Substitutions Permitted? YES  NO

Ship Via:

### Special Instructions:

Railway Express

Parcel Post

Air Express

Parcel Post Spec. Delv.

Air Freight

**DISCLAIMER:** In keeping with trade custom, and as we exercise no control over the conditions under which stock is planted and grown by the purchaser, we will not be responsible for the results produced. Our liability in all instances is limited to the purchase of the stock.

We will not be responsible for any errors or omissions. This order, if accepted, is subject to pro-rata delivery if conditions in our sole judgment justify it, either on account of short crop, prior sale or for any other reason. We will not be responsible for delays, damages or loss in transit. Our liability ceases upon delivery to the common carrier. Claims for deterioration in transit must be made against carrier, and we assume no responsibility for them. NO RETURNS OF CUTTINGS WILL BE ACCEPTED. All orders subject to acceptance by home office.

Rooted Cuttings		Cost For 50	Price per 100 for quantities								Rooted Cuttings		Cost For 50	Price per 100 for quantities							
Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	Amt.	Quan.	Variety				100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	Amt.		
	Candlelight.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Dk. Riviera.....	3.00	5.70	5.40	5.10	4.80	4.50.....						
	Capt. Cook.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Dk. Supreme.....	3.50	6.65	6.30	5.95	5.60	5.25.....						
	Capt. J. Smith.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Dk. Valencia.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Carrara.....	4.50	8.55	8.10	7.65	7.20	6.75.....		Dr. Graham.....	7.50	14.25	13.50	12.75	12.00	11.25.....						
	Caravan.....	4.00	7.60	7.20	6.80	6.40	6.00.....		Dr. Longley.....	4.00	7.60	7.20	6.80	6.40	6.00.....						
	Card. Spoon.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Dream Girl.....	3.50	6.65	6.30	5.95	5.60	5.25.....						
	Carmelita.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Drifted Snow.....	3.00	5.70	5.40	5.10	4.80	4.50.....						
	Carmine Queen.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Dwight Douglas.....	6.25	12.00	11.50	11.00	10.50	10.00.....						
	Carnival.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Early Bronze.....	3.00	5.70	5.40	5.10	4.80	4.50.....						
	Carole (New).....	5.00	9.50	9.00	8.50	8.00	7.50.....		Early Gold.....	3.50	6.65	6.30	5.95	5.60	5.25.....						
	Carolyn Yosick.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Early Harvest.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Cavalcade.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Early Yellow.....	3.00	5.70	5.40	5.10	4.80	4.50.....						
	Cecil Beed.....	4.50	8.55	8.10	7.65	7.20	6.75.....		Ed. Seidewitz.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Celestra.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Eliz. Hood.....	4.50	8.55	8.10	7.65	7.20	6.75.....						
	Champ. Cushion.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Enchantress.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Chas. Nye.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Encore.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Chattanooga.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Enterprise.....	4.50	8.55	8.10	7.65	7.20	6.75.....						
	Chevron.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Ermine.....	3.50	6.65	6.30	5.95	5.60	5.25.....						
	Chippewa.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Eskimo.....	4.00	7.60	7.20	6.80	6.40	6.00.....						
	Chiquita.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Fairbow.....	3.50	6.65	6.30	5.95	5.60	5.25.....						
	Chopin (New).....	7.50	14.25	13.50	12.75	12.00	11.25.....		Fascination.....	5.00	9.50	9.00	8.50	8.00	7.50.....						
	Chris. Columbus.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Fashion.....	4.00	7.60	7.20	6.80	6.40	6.00.....						
	Christ. Greetings.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Fiesta.....	3.50	6.65	6.30	5.95	5.60	5.25.....						
	Christ. Star.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Firebird.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Cinderella.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Firecracker.....	4.00	7.60	7.20	6.80	6.40	6.00.....						
	Classic.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Fireside.....	3.50	6.65	6.30	5.95	5.60	5.25.....						
	Cocktail.....	4.00	7.60	7.20	6.80	6.40	6.00.....		Flame Glow (New).....	5.00	9.50	9.00	8.50	8.00	7.50.....						
	Comd. Cushion.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Flaxen Beauty.....	4.50	8.55	8.10	7.65	7.20	6.75.....						
	Constellation.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Forty-Niner.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Copperhead.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Freida.....	3.00	5.70	5.40	5.10	4.80	4.50.....						
	Cordova.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Friendly Rival.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Corona (H) (New).....	7.50	14.25	13.50	12.75	12.00	11.25.....		Galaxy.....	3.50	6.65	6.30	5.95	5.60	5.25.....						
	Coronet.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Garland.....	4.00	7.60	7.20	6.80	6.40	6.00.....						
	Corsair.....	4.00	7.60	7.20	6.80	6.40	6.00.....		Garnet King.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Cotton Top.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Garza.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Courageous.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Gena Harwood (Br. Rayonante).....	3.50	6.65	6.30	5.95	5.60	5.25.....						
	Courtier.....	4.00	7.60	7.20	6.80	6.40	6.00.....		Genista.....	6.25	12.00	11.50	11.00	10.50	10.00.....						
	Cover Girl (New).....	5.00	9.50	9.00	8.50	8.00	7.50.....		Giant Betsy Ross.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Crescendo.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Gladness.....	3.50	6.65	6.30	5.95	5.60	5.25.....						
	Crystal Queen.....	4.50	8.55	8.10	7.65	7.20	6.75.....		Gladys Pearson.....	3.00	5.70	5.40	5.10	4.80	4.50.....						
	Cydonia.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Glitters.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Dawn Rose.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Goblin.....	3.00	5.70	5.40	5.10	4.80	4.50.....						
	D. D. Ahrens.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Gold Coast.....	3.00	5.70	5.40	5.10	4.80	4.50.....						
	Debonair.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Gold Lode.....	3.00	5.70	5.40	5.10	4.80	4.50.....						
	Debutante.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Gold Seal.....	4.50	8.55	8.10	7.65	7.20	6.75.....						
	Dec. Glory.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Golden Carpet.....	4.00	7.60	7.20	6.80	6.40	6.00.....						
	Dec. White.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Golden Chord.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Defiance (H).....	3.50	6.65	6.30	5.95	5.60	5.25.....		Golden Herald.....	3.00	5.70	5.40	5.10	4.80	4.50.....						
	Detroiter.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Golden Hours.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Detroit News.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Golden Jane (Yel. Valencia).....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Dk. Br. Masterpiece.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Golden Mistletoe.....	3.25	6.15	5.85	5.50	5.20	4.85.....						
	Dk. Ind. Bronze.....	4.50	8.55	8.10	7.65	7.20	6.75.....		Golden Mrs. Ross.....	3.00	5.70	5.40	5.10	4.80	4.50.....						
Dk. Ind. Yellow (Pots).....	3.25	6.15	5.85	5.50	5.20	4.85.....		Golden Pearson.....	3.00	5.70	5.40	5.10	4.80	4.50.....							
Dk. Jewell.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Golden Spoon.....	3.00	5.70	5.40	5.10	4.80	4.50.....							
Dk. Linda Lou.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Goldenrod.....	4.00	7.60	7.20	6.80	6.40	6.00.....							
Dk. Norma.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Goldrush.....	3.50	6.65	6.30	5.95	5.60	5.25.....							
Dk. Orch. Queen.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Goldsmith.....	3.25	6.15	5.85	5.50	5.20	4.85.....							

Rooted Cuttings		Cost For 50	Price per 100 for quantities							Rooted Cuttings		Cost For 50	Price per 100 for quantities						
Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	Amt.	Quan.	Variety	100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	Amt.			
	Goldtone	3.50	6.65	6.80	5.95	5.60	5.25			J. W. Prince	3.25	6.15	5.85	5.50	5.20	4.85			
	Gondolier	7.50	14.25	18.50	12.75	12.00	11.25			Kath. Lehman	4.00	7.60	7.20	6.80	6.40	6.00			
	Good News	8.25	6.15	5.85	5.50	5.20	4.85			Kay Tashima	8.50	6.65	6.80	5.95	5.60	5.25			
	Grand Slam	4.00	7.60	7.20	6.80	6.40	6.00			Keepsake	4.00	7.60	7.20	6.80	6.40	6.00			
	Granite State	3.00	5.70	5.40	5.10	4.80	4.50			King Midas	3.00	5.70	5.40	5.10	4.80	4.50			
	Gypsy	3.00	5.70	5.40	5.10	4.80	4.50			Klondike	3.50	6.65	6.80	5.95	5.60	5.25			
	Halo	3.50	6.65	6.80	5.95	5.60	5.25			Lassie	4.00	7.60	7.20	6.80	6.40	6.00			
	Harbinger	3.25	6.15	5.85	5.50	5.20	4.85			Lav. Lady	3.50	6.65	6.80	5.95	5.60	5.25			
	Harlequin	4.00	7.60	7.20	6.80	6.40	6.00			Lee Powell	4.50	8.55	8.10	7.65	7.20	6.75			
	Harvester	8.00	5.70	5.40	5.10	4.80	4.50			Legal Tender	3.00	5.70	5.40	5.10	4.80	4.50			
	Harvest Golden	8.50	6.65	6.80	5.95	5.60	5.25			Lemonade	3.50	6.65	6.80	5.95	5.60	5.25			
	Has. Pink	8.50	6.65	6.80	5.95	5.60	5.25			Lila Lily	3.50	6.65	6.80	5.95	5.60	5.25			
	Heather Bloom	8.00	5.70	5.40	5.10	4.80	4.50			Lillian Doty	3.25	6.15	5.85	5.50	5.20	4.85			
	Heirloom	8.50	6.65	6.80	5.95	5.60	5.25			Limelight (New)	7.50	14.25	18.50	12.75	12.00	11.25			
	Helen Frick	3.25	6.15	5.85	5.50	5.20	4.85			Linda Lou	3.00	5.70	5.40	5.10	4.80	4.50			
	Heritage	4.00	7.60	7.20	6.80	6.40	6.00			Little America	3.00	5.70	5.40	5.10	4.80	4.50			
	Highbrow	3.50	6.65	6.80	5.95	5.60	5.25			Lollipop	3.50	6.65	6.80	5.95	5.60	5.25			
	Highlander	4.00	7.60	7.20	6.80	6.40	6.00			L. Is. Beauty	3.00	5.70	5.40	5.10	4.80	4.50			
	Holiday (H)	4.50	8.55	8.10	7.65	7.20	6.75			Lt. Pk. Minstrel	4.50	8.55	8.10	7.65	7.20	6.75			
	Honeycomb	8.25	6.15	5.85	5.50	5.20	4.85			Lyric	4.00	7.60	7.20	6.80	6.40	6.00			
	Horizon	4.00	7.60	7.20	6.80	6.40	6.00			Madonna	4.00	7.60	7.20	6.80	6.40	6.00			
	Huntsman	8.50	6.65	6.80	5.95	5.60	5.25			Maestro	3.50	6.65	6.80	5.95	5.60	5.25			
	Ill. Bountiful	3.50	6.65	6.80	5.95	5.60	5.25			Magnificent	3.50	6.65	6.80	5.95	5.60	5.25			
	Ill. Formal (New)	5.00	9.50	9.00	8.50	8.00	7.50			Mah. Cushion	3.00	5.70	5.40	5.10	4.80	4.50			
	Ill. Gold Cup	3.50	6.65	6.80	5.95	5.60	5.25			Maj. Bowes	3.00	5.70	5.40	5.10	4.80	4.50			
	Ill. Igloo	4.50	8.55	8.10	7.65	7.20	6.75			Maj. Cushion	3.00	5.70	5.40	5.10	4.80	4.50			
	Ill. Redhead	3.50	6.65	6.80	5.95	5.60	5.25			Majorette	3.50	6.65	6.80	5.95	5.60	5.25			
	Ill. Redwood (New)	5.00	9.50	9.00	8.50	8.00	7.50			Malinda Brown	5.00	9.50	9.00	8.50	8.00	7.50			
	Ill. Snowbound	4.50	8.55	8.10	7.65	7.20	6.75			Mamoru	3.25	6.15	5.85	5.50	5.20	4.85			
	Ill. Snowdrift	3.50	6.65	6.80	5.95	5.60	5.25			Marg. Moeller	3.00	5.70	5.40	5.10	4.80	4.50			
	Ill. Starlet (New)	5.00	9.50	9.00	8.50	8.00	7.50			Marie De Petris	3.25	6.15	5.85	5.50	5.20	4.85			
	Ill. Sunspot	4.50	8.55	8.10	7.65	7.20	6.75			Marionette	3.50	6.65	6.80	5.95	5.60	5.25			
	Ill. Tangier	4.50	8.55	8.10	7.65	7.20	6.75			Marketeer	3.00	5.70	5.40	5.10	4.80	4.50			
	Ill. Warrior	3.50	6.65	6.80	5.95	5.60	5.25			Mary Garden	3.50	6.65	6.80	5.95	5.60	5.25			
	Ill. Yel. Snowbound	4.50	8.55	8.10	7.65	7.20	6.75			Mary Gold	3.00	5.70	5.40	5.10	4.80	4.50			
	Imp. Early Wonder	3.25	6.15	5.85	5.50	5.20	4.85			Mary L. Hall	3.00	5.70	5.40	5.10	4.80	4.50			
	Imp. Wh. Supreme	3.50	6.65	6.80	5.95	5.60	5.25			Masquerade	3.50	6.65	6.80	5.95	5.60	5.25			
	Imp. Yel. Supreme	3.50	6.65	6.80	5.95	5.60	5.25			Masterpiece	3.00	5.70	5.40	5.10	4.80	4.50			
	Imp. Ind. Yellow	3.50	6.65	6.80	5.95	5.60	5.25			Mayford's Triumph	3.50	6.65	6.80	5.95	5.60	5.25			
	Ind. Bronze	3.00	5.70	5.40	5.10	4.80	4.50			Medallion	3.50	6.65	6.80	5.95	5.60	5.25			
	Ind. Golden Br. (Pots)	4.00	7.60	7.20	6.80	6.40	6.00			Mefo	3.00	5.70	5.40	5.10	4.80	4.50			
	Ind. Pink	3.00	5.70	5.40	5.10	4.80	4.50			Memorial	4.00	7.60	7.20	6.80	6.40	6.00			
	Ind. White	3.00	5.70	5.40	5.10	4.80	4.50			Merrymaker	3.50	6.65	6.80	5.95	5.60	5.25			
	Ind. Yellow	3.00	5.70	5.40	5.10	4.80	4.50			Meteore	3.25	6.15	5.85	5.50	5.20	4.85			
	Indiana Market	3.50	6.65	6.80	5.95	5.60	5.25			Miguel (New)	6.25	12.00	11.50	11.00	10.50	10.00			
	Irene	3.25	6.15	5.85	5.50	5.20	4.85			Ming	4.50	8.55	8.10	7.65	7.20	6.75			
	Jack Pot	4.00	7.60	7.20	6.80	6.40	6.00			Minstrel	3.50	6.65	6.80	5.95	5.60	5.25			
	Jamboree	3.50	6.65	6.80	5.95	5.60	5.25			Minuet	3.25	6.15	5.85	5.50	5.20	4.85			
	James Eadie	3.25	6.15	5.85	5.50	5.20	4.85			Mischief	7.50	14.25	13.50	12.75	12.00	11.25			
	James Stewart	3.50	6.65	6.80	5.95	5.60	5.25			Miss Clarinda	4.00	7.60	7.20	6.80	6.40	6.00			
	Jean Elizabeth	3.25	6.15	5.85	5.50	5.20	4.85			Misty Maid	3.50	6.65	6.80	5.95	5.60	5.25			
	Jemima	3.00	5.70	5.40	5.10	4.80	4.50			Mme. Cadillac	6.25	12.00	11.50	11.00	10.50	10.00			
	Jessie	3.00	5.70	5.40	5.10	4.80	4.50			Mogul	4.50	8.55	8.10	7.65	7.20	6.75			
	Jewell	3.25	6.15	5.85	5.50	5.20	4.85			Mona	3.50	6.65	6.80	5.95	5.60	5.25			
	Joybringer	3.50	6.65	6.80	5.95	5.60	5.25			Monogram	3.50	6.65	6.80	5.95	5.60	5.25			
	Jubilee (H)	5.00	9.50	9.00	8.50	8.00	7.50			Monument	3.25	6.15	5.85	5.50	5.20	4.85			
	Judith Anderson	3.00	5.70	5.40	5.10	4.80	4.50			Moonglow	3.50	6.65	6.80	5.95	5.60	5.25			

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Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	Amt.	Quan.	Variety	100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	Amt.			
	Moonlight (DePetris)	4.50	8.55	8.10	7.65	7.20	6.75			Pomponette	8.00	5.70	5.40	5.10	4.80	4.50			
	Mrs. Dewey	3.50	6.65	6.30	5.95	5.60	5.25			Popcorn	8.25	6.15	5.85	5.50	5.20	4.85			
	Mrs. DuPont	3.50	6.65	6.30	5.95	5.60	5.25			Powderpuff	8.50	6.65	6.30	5.95	5.60	5.25			
	Mrs. Kidder	3.00	5.70	5.40	5.10	4.80	4.50			Princeton	8.25	6.15	5.85	5.50	5.20	4.85			
	Mrs. R. A. Walker	3.50	6.65	6.30	5.95	5.60	5.25			Priscilla	8.00	5.70	5.40	5.10	4.80	4.50			
	Mrs. Rotan	3.25	6.15	5.85	5.50	5.20	4.85			Pristine	8.50	6.65	6.30	5.95	5.60	5.25			
	Mrs. Roy	3.50	6.65	6.30	5.95	5.60	5.25			Purple Star	8.00	5.70	5.40	5.10	4.80	4.50			
	Muto's White	3.00	5.70	5.40	5.10	4.80	4.50			Queen's Lace	8.50	6.65	6.30	5.95	5.60	5.25			
	Myrtle Walgreen	3.50	6.65	6.30	5.95	5.60	5.25			Queen of Pinks	8.00	5.70	5.40	5.10	4.80	4.50			
	Navaho	3.25	6.15	5.85	5.50	5.20	4.85			Rainbow	4.50	8.55	8.10	7.65	7.20	6.75			
	Nightingale	3.25	6.15	5.85	5.50	5.20	4.85			Rajah	4.00	7.60	7.20	6.80	6.40	6.00			
	Nocturne	3.50	6.65	6.30	5.95	5.60	5.25			Rayonante	8.25	6.15	5.85	5.50	5.20	4.85			
	Nokomis	3.50	6.65	6.30	5.95	5.60	5.25			Red Cloud	8.50	6.65	6.30	5.95	5.60	5.25			
	Norona	4.00	7.60	7.20	6.80	6.40	6.00			Red Dot	8.00	5.70	5.40	5.10	4.80	4.50			
	Nuggets	3.00	5.70	5.40	5.10	4.80	4.50			Red Glow	8.50	6.65	6.30	5.95	5.60	5.25			
	Nye's Favorite	3.50	6.65	6.30	5.95	5.60	5.25			Red Gold	8.25	6.15	5.85	5.50	5.20	4.85			
	Nytoda	4.50	8.55	8.10	7.65	7.20	6.75			Red Princeton	8.25	6.15	5.85	5.50	5.20	4.85			
	Oak Leaf	3.00	5.70	5.40	5.10	4.80	4.50			Red Riding Hood	8.25	6.15	5.85	5.50	5.20	4.85			
	Oct. Bronze	3.25	6.15	5.85	5.50	5.20	4.85			Red Rust	8.25	6.15	5.85	5.50	5.20	4.85			
	Oct. Pink	3.25	6.15	5.85	5.50	5.20	4.85			Red Seneca	8.50	6.65	6.30	5.95	5.60	5.25			
	Old Gold	3.25	6.15	5.85	5.50	5.20	4.85			Red Velvet	8.25	6.15	5.85	5.50	5.20	4.85			
	Olive Longland	3.00	5.70	5.40	5.10	4.80	4.50			Regina (New)	7.50	14.25	13.50	12.75	12.00	11.25			
	Omega	3.00	5.70	5.40	5.10	4.80	4.50			Remembrance	8.50	6.65	6.30	5.95	5.60	5.25			
	Orch. Beauty	3.25	6.15	5.85	5.50	5.20	4.85			Renown	8.50	6.65	6.30	5.95	5.60	5.25			
	Orch. Helen	4.00	7.60	7.20	6.80	6.40	6.00			Revelation	8.00	5.70	5.40	5.10	4.80	4.50			
	Orch. Queen	3.25	6.15	5.85	5.50	5.20	4.85			Revelry	4.00	7.60	7.20	6.80	6.40	6.00			
	Orch. Spoon	3.50	6.65	6.30	5.95	5.60	5.25			Reverie	7.50	14.25	13.50	12.75	12.00	11.25			
	Orloma	6.25	12.00	11.50	11.00	10.50	10.00			Reward	3.50	6.65	6.30	5.95	5.60	5.25			
	Orpheus	6.25	12.00	11.50	11.00	10.50	10.00			Richard Mandel	8.25	6.15	5.85	5.50	5.20	4.85			
	Orsona	6.25	12.00	11.50	11.00	10.50	10.00			Riviera	8.00	5.70	5.40	5.10	4.80	4.50			
	Osage	7.50	14.25	13.50	12.75	12.00	11.25			Robinhue	8.50	6.65	6.30	5.95	5.60	5.25			
	Ostosa (New)	7.50	14.25	13.50	12.75	12.00	11.25			Rodell Improved	8.00	5.70	5.40	5.10	4.80	4.50			
	Overly	7.50	14.25	13.50	12.75	12.00	11.25			Ronnie	8.50	6.65	6.30	5.95	5.60	5.25			
	Pandora	4.00	7.60	7.20	6.80	6.40	6.00			Rosa	7.50	14.25	13.50	12.75	12.00	11.25			
	Panorama	4.50	8.55	8.10	7.65	7.20	6.75			Rosalind	8.00	5.70	5.40	5.10	4.80	4.50			
	Paper White	3.50	6.65	6.30	5.95	5.60	5.25			Rose Delight	8.50	6.65	6.30	5.95	5.60	5.25			
	Paragon	3.50	6.65	6.30	5.95	5.60	5.25			Rose Spoon	8.00	5.70	5.40	5.10	4.80	4.50			
	Paramount	3.50	6.65	6.30	5.95	5.60	5.25			Rosita	8.25	6.15	5.85	5.50	5.20	4.85			
	Pathfinder	7.50	14.25	13.50	12.75	12.00	11.25			Rouge Cushion	4.50	8.55	8.10	7.65	7.20	6.75			
	Pat. Lehman	4.00	7.60	7.20	6.80	6.40	6.00			Royal Robe	5.00	9.50	9.00	8.50	8.00	7.50			
	Peggy Hoover	3.50	6.65	6.30	5.95	5.60	5.25			Rubicon	8.25	6.15	5.85	5.50	5.20	4.85			
	Pepita	3.50	6.65	6.30	5.95	5.60	5.25			Ruby Pompon	8.00	5.70	5.40	5.10	4.80	4.50			
	Pinocchio	3.00	5.70	5.40	5.10	4.80	4.50			Sal. Precose	8.50	6.65	6.30	5.95	5.60	5.25			
	Pippin	4.00	7.60	7.20	6.80	6.40	6.00			Sam Williston	8.00	5.70	5.40	5.10	4.80	4.50			
	Pixie	3.25	6.15	5.85	5.50	5.20	4.85			Sarasota (New)	7.50	14.25	13.50	12.75	12.00	11.25			
	Pk. Beauty	3.00	5.70	5.40	5.10	4.80	4.50			Satellite	4.00	7.60	7.20	6.80	6.40	6.00			
	Pk. Chief	3.00	5.70	5.40	5.10	4.80	4.50			Scarlet Crimson	8.25	6.15	5.85	5.50	5.20	4.85			
	Pk. Dot	3.00	5.70	5.40	5.10	4.80	4.50			Sch. Yel. Daisy	8.50	6.65	6.30	5.95	5.60	5.25			
	Pk. L. Is. Beauty	3.50	6.65	6.30	5.95	5.60	5.25			Sculpture	4.00	7.60	7.20	6.80	6.40	6.00			
	Pk. Mistletoe	3.25	6.15	5.85	5.50	5.20	4.85			Seagull	3.00	5.70	5.40	5.10	4.80	4.50			
	Pk. Opal	4.50	8.55	8.10	7.65	7.20	6.75			Sept. Bronze	8.00	5.70	5.40	5.10	4.80	4.50			
	Pk. Surprise	3.50	6.65	6.30	5.95	5.60	5.25			Sept. Cheer	8.00	5.70	5.40	5.10	4.80	4.50			
	Pk. Treas. Is.	3.00	5.70	5.40	5.10	4.80	4.50			Sept. Dawn	8.00	5.70	5.40	5.10	4.80	4.50			
	Poinsettia	4.00	7.60	7.20	6.80	6.40	6.00			Sept. Sunshine	8.25	6.15	5.85	5.50	5.20	4.85			
	Polar Ice	3.50	6.65	6.30	5.95	5.60	5.25			Serenade	8.50	6.65	6.30	5.95	5.60	5.25			
	Polaris	3.50	6.65	6.30	5.95	5.60	5.25			Shalimar (H)	4.00	7.60	7.20	6.80	6.40	6.00			
	Ponca	3.50	6.65	6.30	5.95	5.60	5.25			Shamrock	8.50	6.65	6.30	5.95	5.60	5.25			



Rooted Cuttings		Cost For 50	Price per 100 for quantities						Rooted Cuttings		Cost For 50	Price per 100 for quantities					
Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	Amt.	Quan.	Variety		100 to 250	300 to 450	500 to 950	1000 to 2450	2500 up	Amt.
	Shasta.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Wh. Enchantress (New).....	5.00	9.50	9.00	8.50	8.00	7.50.....		
	Silver Ball.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Wh. Freida.....	3.00	5.70	5.40	5.10	4.80	4.50.....		
	Silverplate.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Wh. Frick.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Silver Sheen.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Wh. Lady.....	4.50	8.55	8.10	7.65	7.20	6.75.....		
	Silversmith.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Wh. Mistletoe.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Siren.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Wh. Popcorn.....	4.00	7.60	7.20	6.80	6.40	6.00.....		
	Smith's White.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Wh. Rayonante.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Snow.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Wh. Spoon.....	3.00	5.70	5.40	5.10	4.80	4.50.....		
	Snowcap.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Wh. Tower.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Snowcrest.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Wh. Valencia.....	3.50	6.65	6.30	5.95	5.60	5.25.....		
	Snow Elf.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Wh. Wonder.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Snowfall.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Wh. Yuletide.....	3.00	5.70	5.40	5.10	4.80	4.50.....		
	Snowflurry.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Wilson's White.....	4.00	7.60	7.20	6.80	6.40	6.00.....		
	Snowline.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Winterset (H).....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Snow White.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Witchery.....	3.50	6.65	6.30	5.95	5.60	5.25.....		
	Songster.....	3.50	6.65	6.30	5.95	5.60	5.25.....		W. P. Snyder.....	3.50	6.65	6.30	5.95	5.60	5.25.....		
	Spellbound.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Wychwood.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Sterling.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Yel. Acclaim (New).....	5.00	9.50	9.00	8.50	8.00	7.50.....		
	Spindrift.....	5.00	9.50	9.00	8.50	8.00	7.50.....		Yel. Ambassador.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Success.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Yel. Arcadia.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Sue Sally Jones.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Yel. Avalanche.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Sunapee.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Yel. Beauty.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Sunglow.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Yel. Blanket.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Sungold.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Yel. Cameo.....	3.00	5.70	5.40	5.10	4.80	4.50.....		
	Sunnyside.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Yel. Chris Columbus.....	3.50	6.65	6.30	5.95	5.60	5.25.....		
	Sunray.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Yel. Cordova.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Sunstone (New).....	7.50	14.25	13.50	12.75	12.00	11.25.....		Yel. Cushion.....	3.00	5.70	5.40	5.10	4.80	4.50.....		
	Sunup.....	4.00	7.60	7.20	6.80	6.40	6.00.....		Yel. Dot.....	3.00	5.70	5.40	5.10	4.80	4.50.....		
	Susanne Miller.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Yel. Fellow.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Sweepstake.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Yel. Firebird.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Tacoma.....	4.50	8.55	8.10	7.65	7.20	6.75.....		Yel. Galaxy.....	4.50	8.55	8.10	7.65	7.20	6.75.....		
	Taffeta.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Yel. Halo.....	4.50	8.55	8.10	7.65	7.20	6.75.....		
	Tangerine.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Yel. Highbrow.....	4.50	8.55	8.10	7.65	7.20	6.75.....		
	Tapestry.....	4.00	7.60	7.20	6.80	6.40	6.00.....		Yel. Irene.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Thanks. Pink.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Yel. Lace.....	3.50	6.65	6.30	5.95	5.60	5.25.....		
	Thelma.....	4.00	7.60	7.20	6.80	6.40	6.00.....		Yel. L. Is. Beauty.....	3.50	6.65	6.30	5.95	5.60	5.25.....		
	The Chief.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Yel. Marketeer.....	4.50	8.55	8.10	7.65	7.20	6.75.....		
	The Titan.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Yel. Mefo.....	3.00	5.70	5.40	5.10	4.80	4.50.....		
	Thorobred.....	4.00	7.60	7.20	6.80	6.40	6.00.....		Yel. Moehler.....	3.50	6.65	6.30	5.95	5.60	5.25.....		
	Thyra.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Yel. Monument.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Tiffany Rose.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Yel. Priscilla.....	3.50	6.65	6.30	5.95	5.60	5.25.....		
	Time.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Yel. Queen.....	3.25	6.15	5.85	5.50	5.20	4.85.....		
	Tobin's Yellow.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Yel. Rayonante.....	3.50	6.65	6.30	5.95	5.60	5.25.....		
	Topaz.....	4.00	7.60	7.20	6.80	6.40	6.00.....		Yel. Revelation.....	3.00	5.70	5.40	5.10	4.80	4.50.....		
	Treasure.....	4.00	7.60	7.20	6.80	6.40	6.00.....		Yel. Riviera.....	3.50	6.65	6.30	5.95	5.60	5.25.....		
	Valencia.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Yel. Rolinda.....	3.00	5.70	5.40	5.10	4.80	4.50.....		
	Vanguard.....	4.00	7.60	7.20	6.80	6.40	6.00.....		Yel. Seagull.....	3.00	5.70	5.40	5.10	4.80	4.50.....		
	Vesper.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Yel. Shasta.....	3.00	5.70	5.40	5.10	4.80	4.50.....		
	Vibrant.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Yel. Snow.....	3.00	5.70	5.40	5.10	4.80	4.50.....		
	Violet.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Yel. Snowcrest.....	4.00	7.60	7.20	6.80	6.40	6.00.....		
	Waikiki.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Yel. Spoon.....	3.50	6.65	6.30	5.95	5.60	5.25.....		
	Welcome.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Yel. Supreme (H).....	3.00	5.70	5.40	5.10	4.80	4.50.....		
W. H. Buckingham (Pk. Calif. Daisy).....	3.50	6.65	6.30	5.95	5.60	5.25.....		Yel. Valencia.....	3.25	6.15	5.85	5.50	5.20	4.85.....			
Wh. Bounty.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Yolanda.....	3.50	6.65	6.30	5.95	5.60	5.25.....			
Wh. Cloud.....	3.50	6.65	6.30	5.95	5.60	5.25.....		Youdath's Wh.....	3.00	5.70	5.40	5.10	4.80	4.50.....			
Wh. Cushion.....	3.00	5.70	5.40	5.10	4.80	4.50.....		Yukon.....	3.00	5.70	5.40	5.10	4.80	4.50.....			
Wh. Doty.....	3.25	6.15	5.85	5.50	5.20	4.85.....		Yuleflame.....	3.50	6.65	6.30	5.95	5.60	5.25.....			

## COLLECTIONS

Rooted Cuttings of a given number of varieties in any one general group (Pompons, Standards, or Garden Varieties) may be ordered as a Collection when varieties are not specified.

A. 250 Cuttings (50 each of 5 varieties).....	\$ 14.25	C-5. 1000 Cuttings (200 each of 5 varieties).....	\$ 48.00
B-10. 500 Cuttings (50 each of 10 varieties).....	25.50	D-50. 2500 Cuttings (50 each of 50 varieties).....	112.50
B-5. 500 Cuttings (100 each of 5 varieties).....	25.50	D-25. 2500 Cuttings (100 each of 25 varieties).....	112.50
C-20. 1000 Cuttings (50 each of 20 varieties).....	48.00	D-10. 2500 Cuttings (250 each of 10 varieties).....	112.50
C-10. 1000 Cuttings (100 each of 10 varieties).....	48.00	D-5. 2500 Cuttings (500 each of 5 varieties).....	112.50

For Growers who are not familiar with Garden Varieties, but who want a well balanced assortment, we offer the following collections, which include the better varieties.

	250	500	1000	2500
<b>COLLECTION #1:</b> Taller Varieties for cutting	\$14.25	\$25.50	\$48.00	\$112.50
<b>COLLECTION #2:</b> For pots or bedding	14.25	25.50	48.00	112.50
<b>COLLECTION #3:</b> 50% for cutting—50% for bedding	14.25	25.50	48.00	112.50
<b>COLLECTION #4:</b> For Easter, Mother's Day, or Memorial Day Pots	14.25	25.50	48.00	112.50

Please state quantity wanted when ordering collections 1 to 4.



## BLACK CLOTH FOR SHADING CHRYSANTHEMUMS

Style #258 (.001 Light Transmittance)	78c per sq. yd.
Style #575 (.034 Light Transmittance)	72c per sq. yd.

Furnished in 36" widths—wider pieces can be had in multiples of 36" which are sewed together.

Give us your measurements and we will make up your specifications.

## FUMICOVERS Vinyl Plastic

For steam and gas sterilization purposes, also for partitioning. Comes in either **Clear Transparent** or **Opaque Black**. State which is preferred when ordering.

100 x 10 ft.	\$32.00 per piece
100 x 13 ft.	42.50 per piece
100 x 10 1/2 ft.	35.00 per piece
100 x 16 ft.	52.75 per piece
150 x 6 ft.	28.80 per piece
150 x 6 1/2 ft.	32.00 per piece
150 x 10 ft.	45.00 per piece
150 x 13 ft.	63.75 per piece

Or any size desired, at 4c per sq. ft.

Samples Available on Request

## PLANT STAKES Bamboo Dyed Green (Round)

	Per	Bale of
	1000	2000
1 1/2 foot	\$ 3.50	\$ 6.00
2 foot	4.50	8.00
2 1/2 foot	5.50	10.00
3 foot	7.00	13.00
3 1/2 foot	8.50	16.00
4 foot	9.50	18.00
5 foot	12.50	24.00
6 foot	\$10.00 per bale of 500	

## Split Bamboo Stakes (Dyed Green)

	Per	Bale of
	1000	5000
12 inch	\$ 2.50	\$10.00
15 inch	3.50	15.00
18 inch	4.50	20.00
24 inch	5.50	25.00

## TWISTEMS The Handy Plant Tie

	1,000	5,000	10,000	25,000
4 inch	\$ .95	\$ 4.60	\$ 8.90	\$21.00
8 inch	1.70	7.95	15.30	36.50
12 inch	2.55	11.90	22.90	54.75
16 inch	3.40	15.85	30.50	73.00

# BIRD Vita-Bands

## PRICES — QUANTITIES — WEIGHTS

	SIZES	1½x1½ x 2½	1¾x1¾ x 2½	2x2 x 2½	2x2 x 3	2½x2½ x 3	3x3 x 3	4x4 x 3	4x4 x 4
PRICE PER M	VB-10	3.70	4.00	4.55	5.05	6.00	6.90	9.00	11.25
	VB-D	3.85	4.15	4.65	5.35	6.05	7.05	9.25	11.60
	VB-H		5.45	5.80	6.90	7.65	8.50	10.45	12.90
VITA- BAND 10	QUANTITY PER CASE	2M	2M	2M	2M	2M	1M	500	500
	WEIGHT PER CASE	33 lbs	38 lbs	42 lbs	51 lbs	63 lbs	37 lbs	25 lbs	33 lbs
VITA- BAND D	QUANTITY PER CASE	2M	2M	2M	2M	2M	1M	1M	1M
	WEIGHT PER CASE	21 lbs	24 lbs	27 lbs	32 lbs	41 lbs	24 lbs	32 lbs	42 lbs
VITA- BAND H	QUANTITY PER CASE		1M	1M	1M	500	500	500	500
	WEIGHT PER CASE		26 lbs	30 lbs	36 lbs	22 lbs	26 lbs	35 lbs	46 lbs

Prices higher in Rocky Mtn., Pacific Coast, Texas and Gulf State areas.

**Vita Band 10** — Nutrient treated for short growing periods up to 10 weeks. Should be removed at time of transplanting.

**Vita Band D** — Holds root growth, except for long growing periods, until plants are set in permanent location. A slight pressure at that time will crack the band which then disintegrates into the soil.

**Vita Band H** — New nutrient treated Band. Will control root growth of plants demanding long growing periods.

# BIRD Red & Vita POTS

Sold in Units of 1,000 only	PRICES PER THOUSAND							
	2"	2½"	2½"	3"	3½"	4"	5"	6"
<b>RED</b>	8.60	8.60	8.70	9.15	12.20	14.70	18.15	22.25
<b>VITA-POTS</b>	14.60	14.95	15.50	17.40	22.70	25.70	33.40	44.10

**RED:** For shipping only. Not recommended for growing. Lightweight and sturdily made to protect rootball from breakage—inner wax coating prevents drying out.

**VITA-POTS:** For growing and shipping—they are nutrient-treated. Growing results are similar to Vita-Bands. VITA-POTS prevent rootball disturbance.

## PLANT BANDS—WOOD

	Per 1000
1 ¾ x 1 ¾ x 2 ½ in.	\$4.70
2 x 2 x 2 ½ in.	4.80
2 ½ x 2 ½ x 2 ½ in.	5.10
2 x 2 x 3 in.	5.10
2 ½ x 2 ½ x 3 in.	5.50
3 x 3 x 3 in.	5.90
4 x 4 x 3 in.	6.20
3 x 3 x 4 in.	6.10
4 x 4 x 4 in.	7.10